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SPRING CATALOG 1918

HARDY
PERENNIAL
LARKSPURS
(DELPHINIUMS)

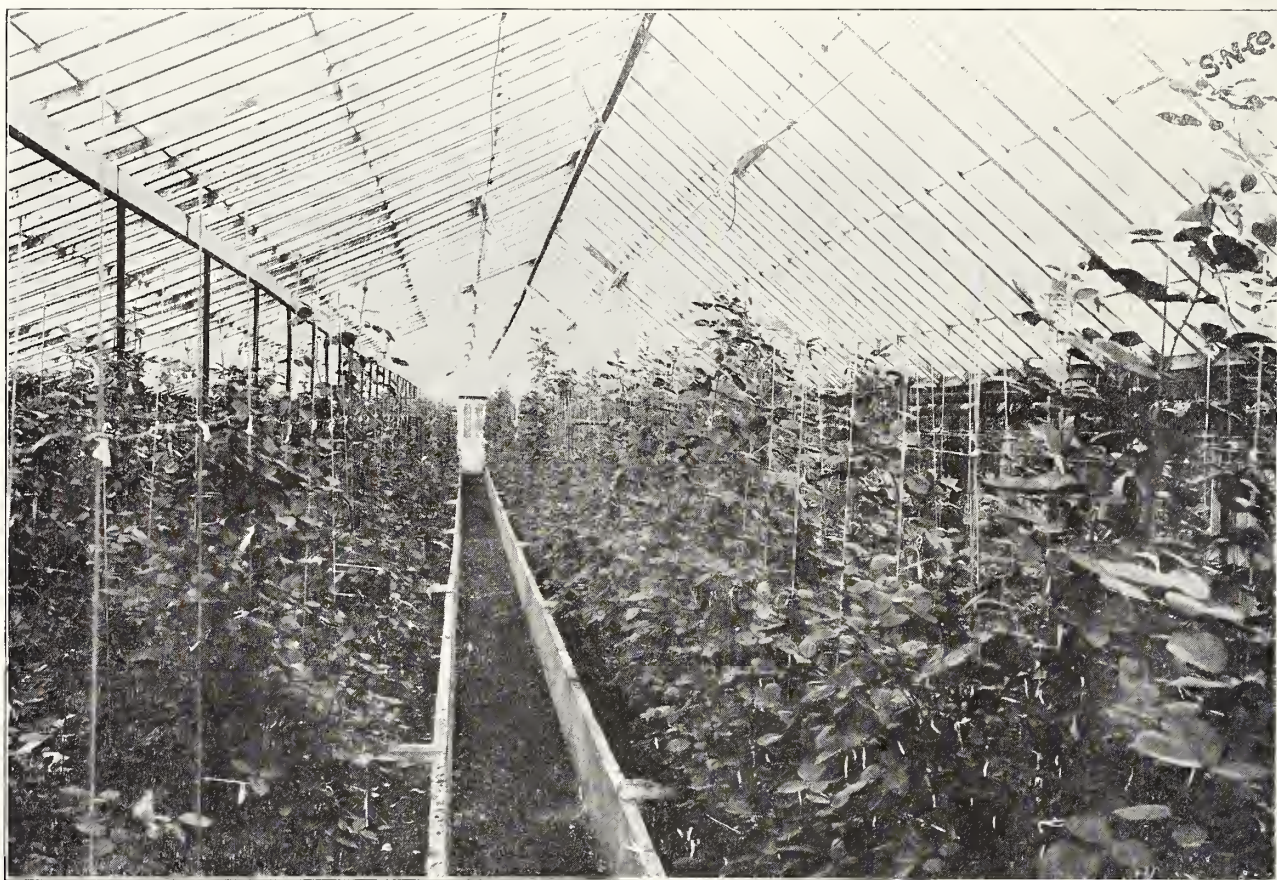
ONE OF THE MANY
BEAUTIFUL HARDY
PERENNIALS
FOR THE NORTHWEST

SEE PAGE 37

**STATE NURSERY
& SEED CO.
HELENA
MONTANA**

ESTABLISHED 1890





HOUSE OF ROSES—ONE OF THE RANGE DEVOTED TO
GROWING ROSES FOR CUT FLOWERS.

Helena, January, 1918.

TO OUR PATRONS:

It is with pleasure we present you with our Catalog for 1918—the *Twenty-eighth* year of business in Montana for *The State Nursery & Seed Co.*, and of which nearly 30,000 copies will be distributed this season.

In its pages will be found listed every really valuable variety of plant and seed which we have found to be suited to our rigorous climate.

On account of the unusual shortage in seed crops in many items, we found it impossible to attach prices to many seeds listed, both Vegetable and Field—without delaying the publication of the Catalog. Whenever prices are not quoted with the description of the seeds mentioned, they will be found on the *Red Insert* between pages 96-97.

Our Nurseries, Greenhouses and Trial Grounds have been kept up to their usual high standard, and improvements are continually being added, one of the chief during the past season being the installation of two additional large steam boilers for heating purposes.

The illustrations on the following pages, from actual photographs, will give our reader some idea of the extent of the plant devoted to our business in its various branches, and of our ability to promptly care for all orders entrusted to our care.

STATE NURSERY AND SEED COMPANY

DIRECTORS:

CONRAD KOHRS
T. E. MILLS
W. E. MILLS

The enormous increase in the volume of our business last season, caused some unavoidable delays in the filling of our orders. We wish to extend our thanks to those who so kindly waited a few days until we caught up with the rush, and to state that we have increased our force and facilities to amply care for them promptly in the future.

T. E. MILLS, Pres. & Gen. Mgr.

WALTER CARD, Sec'y. & Treas.
and Mgr. Seed Department.



SEED WAREHOUSE

*Located on Great Northern Tracks, Opposite the Great Northern Depot.
Helena, Montana.*

This commodious new fireproof warehouse will give our customers some idea of our ability to handle and care for the largest orders in any branch of seeds, either Field or Garden.

This building is equipped with the latest and most improved machinery for cleaning and re-cleaning of all seed stock, all operated by Electric power, and is in charge of an expert in this line.

The careful selection and grading of our field seeds at this part of our plant is one of the things we are proud of, and on which our customers may fully rely.



EXHIBIT OF VEGETABLES
(Not for Competition)

State Fair, Helena, Mont., Sept., 1917.

The above photograph gives but an inadequate impression of the actual exhibit as staged. The exhibit consisted of 208 VARIETIES, all produced on our trial grounds during the season of 1917, and was visited and admired by thousands at the State Fair. This exhibit was one of the largest ever staged in the United States—grown on one place, and is one of the strongest arguments that could be offered to show that Montana can and does produce vegetables of the finest table and market quality of any section in the United States.



The photograph of the result of a part of our Onion tests in our trial grounds will convince many that these favorite vegetables can be grown as well in this section as any other. Numberless specimens from the crop here depicted weighed from 2 lbs. to 2½ lbs. each.



VIEW IN NURSERY

A Block of Several Thousand Young Poplars.

The above photograph shows the enormous quantity in which our Nursery Stock is produced to supply the demands made upon us for this class of stock in this section. Our trees are noted for their hardiness and general good qualities for the climate of Montana, both for private planting and city park purposes.



HOUSE OF CHRYSANTHEMUMS

House of Chrysanthemums.

The photograph on the left shows one of several houses of this justly favorite fall flower which are yearly required to supply the demands of our cut flower trade. A visit to our Greenhouses (fifty-five) when these wonderful queens of the fall flowers are in bloom is like a visit to fairyland, and is annually enjoyed literally by thousands.

Our Nurseries and Greenhouses are located at the foot of the great Continental Divide, at an altitude of 4400 feet.

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THIS ISSUE CANCELS ALL PREVIOUS ISSUES

PLANT DEPARTMENT

IMPORTANT—READ CAREFULLY

PLANTS BY EXPRESS

We always advise express for plants because we can send larger plants this way than by mail. Unless instructed to the contrary, we send pot grown plants in their pots, but it saves expressage to ship without pots, not merely because of the lessened weight, but by reason of the special discount allowed by the express companies on plants out of pots; so if you want plants without pots, please say so, and when received, customers should see that they get the special discount of 20 per cent from the ordinary rate. We always enclose extra plants of our own selection only, to aid in defraying express charges on orders not sent postpaid.

IMPORTANT

PLEASE REMEMBER THAT THE CUSTOMER PAYS THE EXPRESS, FREIGHT OR POSTAGE ON EVERYTHING IN THIS CATALOGUE UNLESS OTHERWISE STATED.

PARCELS POST

Most plants can be sent by parcels post, and the smaller trees and shrubs also. Wherever possible we have given postpaid prices. We cannot, however, be held responsible after delivery to the postoffice, and we must in all cases be the judge of the best method of shipment.

All Orders are acknowledged the day they are received by us.

If you do not receive your order as quickly as you feel that it should arrive, please to remember—that all orders are filled in rotation—that possibly your order is a little early and some part of it is not quite ready to ship, or the weather may be too cold to ship with safety, etc., etc.

In writing with reference to an order, ALWAYS refer to the number furnished you on card acknowledging the order.

REGARDING PREMIUMS

In conformity with the law passed at the 1917 session of the Montana Legislature, which prohibits absolutely the giving or offering of premiums in any form, we have discontinued this form of advertising.

However, we will endeavor to more than offset any apparent disadvantage of this method by furnishing more goods, of better quality than is possible under that plan.

CATALOGUES ISSUED

JANUARY—Our complete general catalogue, covering everything for the Farm and Garden—profusely illustrated. (This one.)

EASTER—A special Flower and Plant List, of Plants and Cut Flowers for Easter decorations and remembrances to friends.

FALL—SEPT. 15—A catalogue of Dutch, French and other bulbs, for fall planting, winter plants for the house.

CHRISTMAS—A special list of Plants, Cut Flowers, Evergreens, suitable for Xmas decorations, and remembrances of the joyful occasion to your friends.

A postcard will bring you any of these in its season.

ABUTILON (Flowering Maple.)

A very desirable free-flowering plant for house culture. Succeeds under usual care and always presents a fresh appearance.



Abutilon.

Snowdrift—The best white.

Arthur Belsham—Orange Red.

Pink Beauty—Pale pink.

Savitzi—A variegated foliage Abutilon.

Golden Fleece—Pure yellow.

Mrs. Laing—Soft Pink.

Crusader—A brilliant Red.

Each, 3-inch, 15c; 4-inch, 25c; 5-inch, 35c.

Each (Postpaid), 3-inch, 20c; 4-inch, 35c; 5-inch, 45c.

AGAVE (Century Plant.)

We have a choice stock of this favorite.

Each.....\$1.00 to \$2.00

**AGERATUM (Mauve Beauty.)****AGERATUM.**

Mauve Beauty—A most desirable dwarf border bedding plant.

Each, 10c; doz., \$1.00; postpaid, each 15c; doz. \$1.15

ALOYSIA CITRIODORA.

Lemon Verbena—An old favorite and should be in every garden. Lemon scented foliage.

Each, 15c and 25c; postpaid, 20c and 30c

ALYSSUM.

Little Dorritt—A single Sweet Alyssum, of great value for borders and small beds.

Each.....5c; doz., 50c

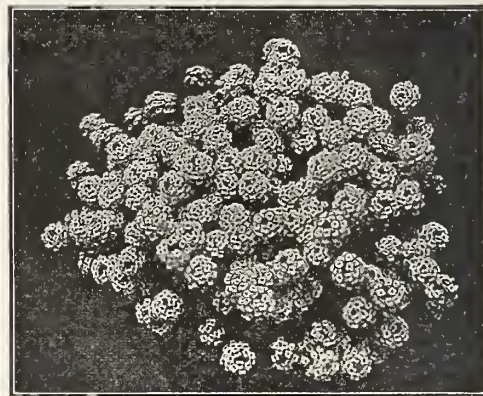
Each (Postpaid).....10c; doz., 60c

ALYSSUM.

Double—An excellent variety for borders, window boxes, and urns.

Each.....10c; doz., \$1.00

Each (Postpaid).....15c; doz., \$1.15

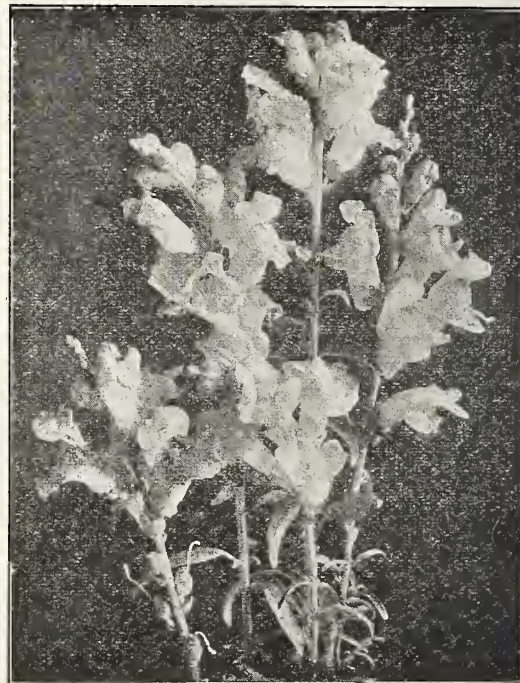


Sweet Alyssum.

AMARYLLIS.

Johnsonii—A most popular bulbous plant responding readily to house culture, and bearing large lily-like flowers of bright crimson striped with a creamy white.

Each 35c and 50c; postpaid 45c and 60c.



Antirrhinum.

ANTIRRHINUM (Snapdragon.)

A very desirable and satisfactory plant for the garden. A very free bloomer and excellent for cutting. Colors white, pink, yellow and red.

Pot plants, each.....10c; doz., \$1.00

Pot plants (Postpaid) each.....15c; doz., \$1.15

Seedlings (mixed) dozen.....35c

Seedlings (mixed, postpaid) doz......40c

ANTHURIUM.

A beautiful decorative plant for the window or conservatory. Has large dark metallic leaves, ranging from 20 to 30 inches long by 6 to 12 inches wide. Large red or pink flowers borne on long stiff stems well above the foliage and lasting from three to six months.

Each.....\$1.00 to \$3.00

THIS ISSUE CANCELS ALL PREVIOUS ISSUES

**ASPARAGUS PLUMOSUS.**

Asparagus Plumosus (Asparagus Fern)—Owing to its graceful foliage and ease of culture, this is perhaps more in demand than any other house plant. We grow these in thousands. The smaller plants listed are the right size for Table Dishes, while the larger are suitable for Jardinieres, etc.

Each 15c and 25c

Each (Postpaid) 20c and 35c

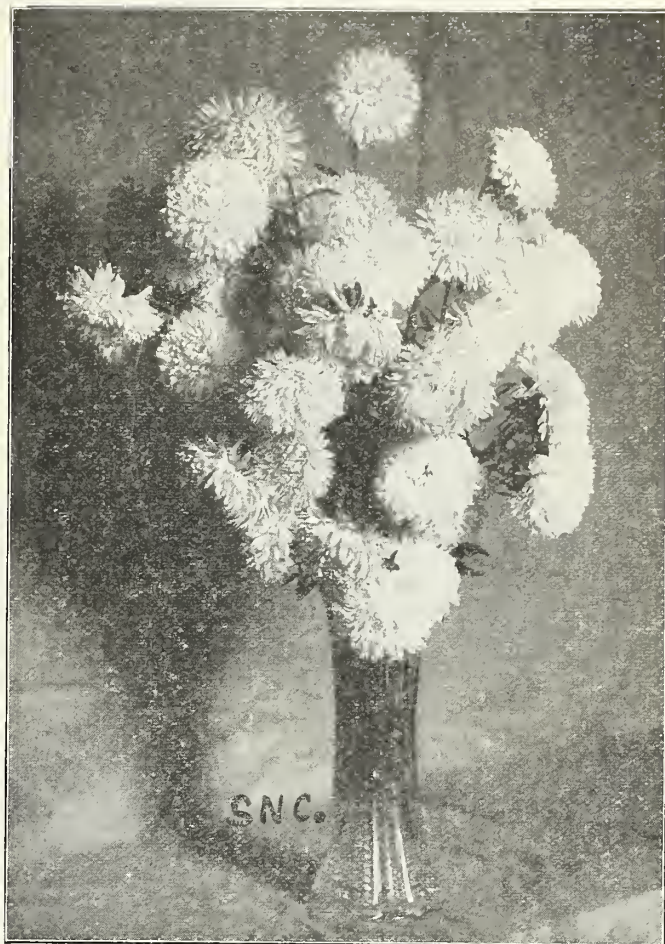
Larger plants by express, 50c and \$1.00 each.

**ASPARAGUS SPRENGERI.**

Of great value for hanging baskets and for cutting. Of very easy culture requiring good soil and free watering.

Each 15c, 25c, 50c

Each (Postpaid) 20c, 30c 60c

**Late Branching Aster.****ASTERS.**

Our strains of Asters are unsurpassed by any, and are prize-winners whenever exhibited. Sturdy plants of the early mid-season and late branching varieties. Colors: Pink, Shell-pink, Red, White, Lavender and Purple. Ready May 10. Doz., 35c; (Postpaid) 40c

**A Field of Our Asters.**

ARAUCARIA—(Norfolk Island Pine.)**Araucaria Excelsa.**

This is much liked owing to the ease with which it can be grown and moreover it grows to a large size—highly ornamental. A splendid Xmas gift.

Nicely grown plants, each....\$2.00 to \$2.50

**Aspidistra.**

The "one" plant that will grow for those who have "no luck" with plants. Invaluable for hall or porch decoration.

Lurida—A beautiful green-leaved variety.

Lurida Variegata—Green background striped with white.

Each\$1.00 and \$1.50

Each (Postpaid)\$1.25 and \$1.75

BEGONIAS

Begonias are one of the best known and most popular house plants today. With their magnificent range of colors both in bloom and foliage, and many of them of the most floriferous nature even under adverse conditions, it is little wonder that they are in such great demand. Our collection embraces the best varieties known to the trade.

**Tuberous Begonias.**

Tuberous Begonias are the most prolific bloomers with the largest flowers of any of the genus. The range of colors is bewildering, of wonderful value for summer decoration, and easy culture. Plants each, 35c and 50c. Tubers each, postpaid, 10c.

FIBROUS ROOTED BEGONIAS.

Alba Picta Rosea—Dark green foliage spotted with silver; flowers pink.

Argenta Guttata—Brilliant bronze green foliage spotted with white and white flowers.

Bertha de C. Rocher—A handsome sort, with bright deep pink bloom.

Childsii—Beautiful glossy foliage, white flowers.

Festii—(Beefsteak Begonia)—An old favorite, with large fleshy round foliage, deep almost bronzy green, of a reddish color on the underside, bearing large spikes of rosy pink blooms late in winter or early spring.

Sandersonii—Scarlet, a winter bloomer.

Luminosa—Brilliant dark scarlet, a constant flowering variety.

Marguerite—Flowers salmon pink, foliage a bronze and green.

Metallica—Velvety foliage, rosy white bloom.

Rubra—Deep coral pink flowers, and one of the best for house culture.

Thurstonii—Rosy white flowers, foliage a bronze and green.

Any of the above varieties, each 15c, 25c and 50c. Postpaid, 20c, 35c and 60c.

Glorie de Châtelaine—A recent acquisition of great merit, with rosy pink flowers, produced in great profusion. A wonderful Xmas Begonia.

Glorie de Lorraine—Another splendid Xmas Begonia covering itself with a mass of exquisite and delicate pink blossoms.

Price—Châtelaine and Lorraine—each 25c and 50c

Postpaid35c and 60c

BEGONIAS—(Continued.)



Begonia Rex.

BEGONIA REX.**Painted Leaf Begonias.**

Kaiser Wilhelm—Deep velvety green leaf with darker edge.

Mrs. A. G. Shephard—Silver leaves marked with other pretty shades.

Walter Lamb—Rich green and silvery white.

Magnifica—A beautiful bronze.

Each, 25c, 35c; postpaid.....35c 45c



Gloire de Lorraine.

BELLIS—(See Daisies, Page 11.)**BOUGAINVILLEA (Sanderiana.)**

This variety bears rosy blossoms in abundance.

Each, 25c; postpaid.....30c

BROWALLIA—(Amethyst.)

A well known and very free flowering plant, literally covering itself with rich blue flowers and continuously in bloom.

Each, 15c; postpaid.....20c

CANARYBIRD VINE.

The demand for this lovely climber is always a large one owing to its great suitability for porches and trellises. Most persons prefer plants we'll started to the uncertainty of seeds planted out of doors.

Each5c; doz. 50c

Each (Postpaid)10c; doz., 60c

CANNAS



Bed of Cannas, in Yard of T. C. Power, Esq., Helena, 1917.

These wonderful bedding plants are too little known in this section. No plant which can be used in Montana will make the display that a well grown bed of Cannas will, if only planted early as the late frosts will allow, and given a liberal supply of water and manure, in a sunny exposure. Their gorgeous coloring of bloom with the tropical effect of foliage, are unrivaled.

Florence Vaughan—Golden yellow, spotted red.

Madam Crozy—Scarlet with golden edge, dwarf.

King Humbert—Orange scarlet, with deep bronze foliage.

One of the finest Cannas extant.

Louisiana—A beautiful scarlet, very tall.

Burbank—Clear yellow, green foliage.

Chas. Henderson—Deep crimson, standard bedder.

Prince Weid—Fiery velvety blood red.

Professor Rodenwaldt—Large and effective, deep crimson scarlet.

Each, 25c; postpaid.....30c

Dozen, \$2.50; postpaid.....\$2.75

CENTAUREA (Dusty Miller.)

An excellent border plant and often remains in good condition right to the middle of November.

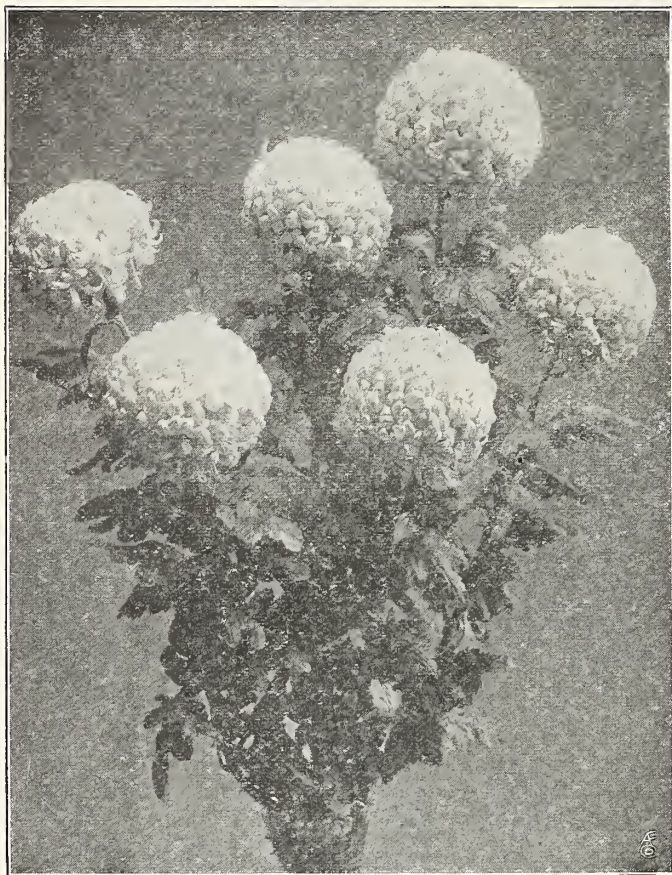
Each10c; doz., \$1.00

Each (Postpaid)15c; doz., \$1.15

CHRYSANTHEMUMS

THE EXCLAMATION POINTS OF NATURE.

Owing to the early frosts of this section, it is impractical to grow these most beautiful of all fall plants to maturity. But they can be most successfully and easily grown in the garden until September, when they should be lifted and potted. Then in the house, they will give a wealth of bloom and beauty that will far more than repay you for the slight trouble entailed in their cultivation and a careful selection of varieties will insure the lover of these flowers a glorious display until Christmas.



Type of Large Flowering Varieties.

LARGE FLOWERING VARIETIES.

- Pink Gem**—An exhibition variety of a splendid soft, pleasing pink. Refined in effect with splendid foliage.
Virginia Poehlmann—One of the earliest varieties. White with delicate shading of pink in center.
Golden Glow—A pretty golden shade, flowers from six to eight inches across. October.
White Ivory—Dwarf white. November.
A. J. Balfour—Dwarf deep pink. November.
Chadwick—Christmas flowering; white tinged with pink.
Golden Chadwick—Lovely golden yellow; a new variety. Christmas flowering.
October Sunshine—Yellow.
Comoleta—A very clear bright yellow; fine early pot plant.
Maj. Bonaffon—A beautiful incurved glossy yellow. One of the best.
August Dasse—Golden yellow, strong stems.
White Chieftain—Large incurved white. November.
Gertrude Peers—Crimson, large and grows in bushy form.
Chrysalora—A large incurved, yellow; strong and robust.
Chas. Razar—A fine large white, splendid stem and foliage.
Pattie—A very delicate pleasing shade of pink.
Wells Late Pink—Light pink. One of the finest.
W. H. Lincoln—A clear yellow; strong, stiff stems.



FANCY SINGLE VARIETIES.

These fill a unique position in that they come between the larger standard varieties and the pompons.

- Emilie**—A soft rose pink and lasts well.
Sylvia Slade—Rosy garnet, with broad white ring around the disc.
Peter Pan—Star shaped, of a delicate fawn color.
Mary Richardson—Has color like sunshine on old gold, with a salmon bronzy tinge.
Ena Reimers—Beautiful terra cotta shade, good stiff stems.
Alexander Rowbottom—Deep bright crimson.
Mensa—Purest white; a splendid variety.
Pink Beauty—Beautiful pink; very handsome variety.
W. Buckingham—A grand vigorous pink.
Golden Mensa—Quite new and proving popular.
Garza—White, Anemone flowered. Very handsome.

POM-PON CHRYSANTHEMUMS.

Small flowering and valuable for cutting. Make dainty and picturesque house plants, the masses of blooms being pink, white, yellow and bronze. They flower in the house from October to December; can be grown outdoors in summer and roots lifted in fall for the house. We have the following varieties:

- Baby**—Miniature yellow; flowers half inch in diameter.
Elva—Choicest white pom-pom.
Acto—Bright rose.
Black Douglas—Rich red.
Klondike—A favorite yellow.
Helen Newberry—White.
Mrs. Frank Ben—The favorite of all the Pom-pons. Color a reddish yellow.
Diana—Pure white, very fine.
Lillian Doty—Large pink, a splendid sort.

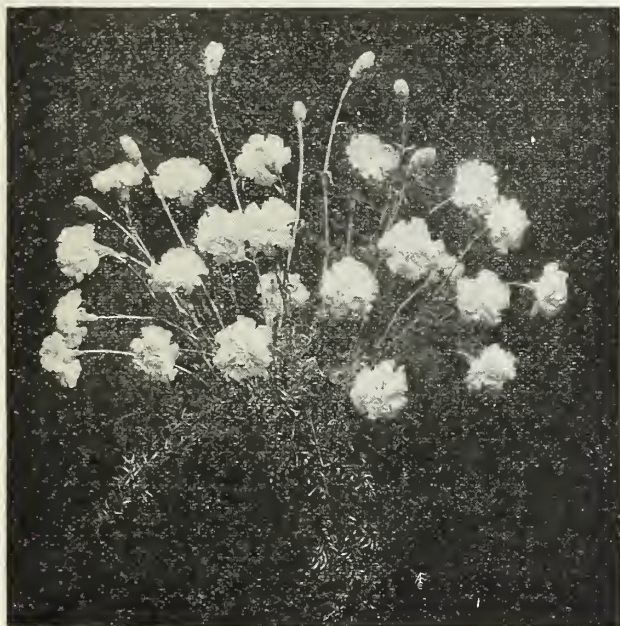
EARLY FLOWERING VARIETIES.

(Especially Adapted for Pot Plants.)

- Kathleen Thompson**—Crimson.
Source d'Orr—Orange, shaded gold.
Butlers Caprice—Rosy pink.
Lilac Cap—Deep lilac.
White Cap—Pure white.
Yellow Cap—Pure yellow.
Lizzie Adcock—Deep yellow.

Prices for all Chrysanthemums—Plants ready March to July 15c each; doz., \$1.50
 Postpaid, each 20c; doz., \$1.65

CARNATIONS



Carnations.

Carnations are today the most popular flower grown in this country and are more in demand for cut flowers than any other. Something of the enormous demand for these flowers may be gathered by our readers when it is realized that we devote one entire range of glass—requiring about 50,000 plants to fill the beds, to the production of this flower alone, to supply the wants of our customers. The following list comprises the cream of these fragrant flowers.

CARNATIONS—White.

Matchless—Well named The Matchless White. Flowers extra large and wonderfully fragrant.
White Wonder—"The largest and most productive white," and very popular.

CARNATIONS—Scarlet.

Pocohontas—Large blooms, of a deep rich maroon red. One of the finest deep red Carnations yet introduced.
Beacon—One of the best scarlet Carnations we know of.
Belle Washburn—A beautiful brilliant red.
Nebraska—A wonderful scarlet carnation.

CARNATIONS—Pink.

Alice—A beautiful shade of clear blush pink; flowers when fully developed 3 to 3½ inches.
Alice Coombs—Flesh pink, with large well fringed blooms.
Pink Sensation—Very large, color a soft pink.
Mrs. C. W. Ward—Deep pink.
Good Cheer—Bright pink.
Enchantress—Salmon pink.
Nancy—Shell pink, fringed, a handsome flower.
Philadelphia—The ideal rose pink Carnation. Ideal in color, productiveness and size of bloom.
Superb—A handsome salmon pink. Very large and free flowering.
Benora—Variegated variety, white, marked with red, long stiff, erect stems, with large blossoms.
 Any of the above varieties:
 Each, 15c; postpaid.....20c
 Doz., \$1.50; postpaid.....\$1.65
 Large blooming plants, 25c and 50c



Cineraria.

We can supply magnificent specimens of this elegant house plant in bloom from December to April. A most beautiful gift plant in a rich variety of color.

Each35c and 50c
 These can only be sent by express.

CISSUS DISCOLOR.

A climber with beautiful variegated foliage. Very desirable for the house.

Each25c
 Each (Postpaid)30c

COBEA SCANDENS.

The Cobea vine is one of the best of our climbers, growing to a height of 8 to 10 feet. Purple seems to be more in demand, but where planted in large numbers we suggest an intermingling of the white variety.

Each10c
 Doz.\$1.00
 Each, from 3-inch pots (Postpaid) 15c; doz., \$1.15.

CREEPING CHARLIE (Linaria, Kenilworth Ivy.)

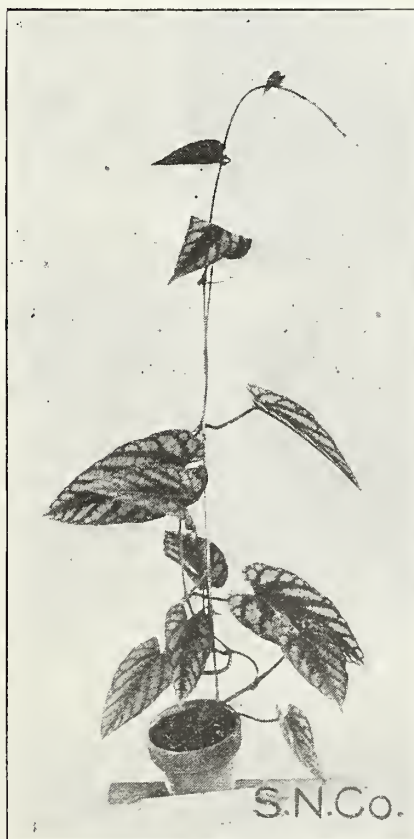
A beautiful creeper suitable for baskets, vases, trailing around the window, or rock work.

Each10c
 Postpaid15c

CUPHEA.

Platycentra (Cigar Plant.)

Plant is covered with bright scarlet flowers and makes a very attractive house plant. The plants are useful for vases or basket decorations. Each 10c; doz., \$1.00. Each (post-paid), 15c; doz., \$1.15.



Cissus Discolor.



Coleus.

COLEUS.
This well known foliage plant is adapted for both bedding and window purposes.

Fancy Varieties—Collection of 6 varieties in beautiful shades of crimson, velvety maroon and yellow.

Each15c
Postpaid, 20c
Collection of 675c
Postpaid, 85c
Larger plants at25c



Cyclamen.

CYCLAMEN

Unequaled winter flowering plants, of great beauty of foliage and bloom. Of easy culture in bloom from late fall to early spring. One of the finest plants for a winter gift that can be selected. Plants in bloom from November to March 1st., each 50c, \$1., \$1.50 and \$2. Colors: Red, pink, salmon pink, white. By exp. only. Dormant or semi-dormant bulbs. March 1st to June 1. Each 25c and 50c. Postpaid.

CYPERUS ALTERNIFOLIUS—Umbrella

(Plant)

An unusually fine plant for decorative purposes of extremely easy culture. Requires plenty of water, and may be grown as a semi-aquatic.

Each 20c to 50c.
Postpaid 25c to 60c.



Cyperus Alternifolius.

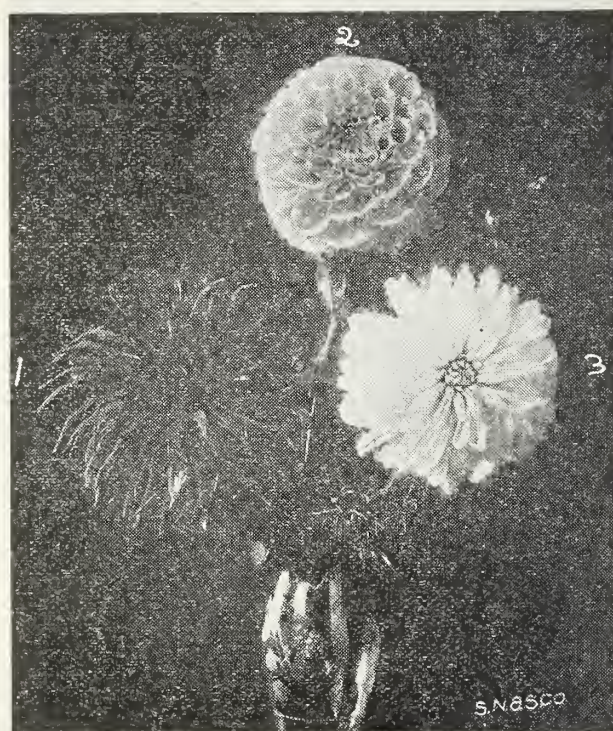
DAHLIAS

The list of these exquisite and free flowering plants which we offer, is composed of the sorts which we have found after careful test to be best suited to this climate. In case the stock of dormant roots is exhausted, of some varieties, we supply good strong plants from 4-inch pots. In many sections these are used almost exclusively.

CULTURE.

Plant in a well drained position and where they will receive the greatest amount of sun. The soil should be made loose and a liberal amount of fertilizer added before planting. Well decayed stable manure is very satisfactory as a fertilizer. Do not set out plants until all danger of frost is over. This should be specially noted in the case of potted plants. Dahlias should be lifted immediately after the first killing frost and stored in a cool place over winter.

(For Price of Dahlias See Page 10.)

**THREE BEAUTIFUL DAHLIAS.**

- 1—Cactus Dahlia—Tos Abelin.
- 2—Show Dahlia—Lucy Fawcett.
- 3—Decorative Dahlia—Kaiserin Augusta Victoria.

CACTUS DAHLIAS.

These are of a lighter formation and much used for cut flowers.

Sparkler—Very bright scarlet.

Spitfire—A fiery scarlet.

Kreimbilda—Free bloomer; pink with white center.

Mrs. J. P. Mace—Delicate blush pink and early bloomer.

Shooting Star—Pure yellow with very fine form.

Brunhilda—Dark maroon.

Jamaica—Rich plum color.

J. H. Jackson—The best Dahlia yet out; almost black.

Harbor Light—Orange red overlaid with flame color.

Tos Abelin—A brilliant fiery red; a fine, large, refined flower of perfect incurved form; produced in the greatest profusion on long stiff stems. A fine cut flower.

Earl of Pembroke—Bright plum color. Very fine.

Genl. Buller—Rich velvety crimson tipped white.

St. Catherine—Deep golden yellow, shaded red.

CACTUS-DAHLIAS—(Cont.)

Goldland—A primrose yellow of great merit.

Alight—Rich orange scarlet.

H. F. Robinson—Clear golden yellow.

Iceberg—Ivory white.

Mrs. Jewett—Deep salmon.

Schneekönigin—Pure glistening white, with most perfectly arranged petals. A very valuable variety for cut flowers.



Sparkler—Cactus Type.

PEONY-FLOWERED DAHLIAS.

This beautiful type has large artistic flowers, best compared to the semi-double peonies in general form. They all flower very freely and are borne on long strong stems, making excellent material for cutting and delightfully fragrant.

Queen Wilhelmina—Immense large white.

Rheingau—Showy brilliant scarlet.

Geisha—The showiest and most attractive of this type yet introduced; of an effective and rich combination of scarlet and gold.

Glory of Baarn—Soft pink.

La Rainte—Charming lavender pink.

Phenomena—Rosy salmon shaded yellow.

Queen Emma—Pink, inner petals banded with gold.



Queen Wilhelmina—Peony Flowered Type.



Storm King—Show Type.

SHOW AND DECORATIVE DAHLIAS.

Mrs. Winters—Pure snow white; very large.

Storm King—White; one of the best.

Gettysburg—Deep glowing scarlet; large, bold.

A. D. Livoni—Light pink; very fine for cutting.

Le Phare—Rich red.

Kaiserin Augusta Victoria—The first of the decorative sorts to come into flower, of medium size, good form and pure white color.

Delice—Bright pink, suffused with lavender pink. Decorative.

Reggie—Cherry red, very large flowers. Decorative.

Clifford W. Bruton—Large bright yellow.

Capt. of Maroon—The leader in its color.

Jack Rose—The best red of all.

Meteor—Deep red; fine form.

Maid of Kent—Cherry red, tipped with white.

Lucy Fawcett—Pale yellow, striped with pink.

Arabella—Pink, suffused with lemon yellow.

Mrs. Dexter—Large orange red.

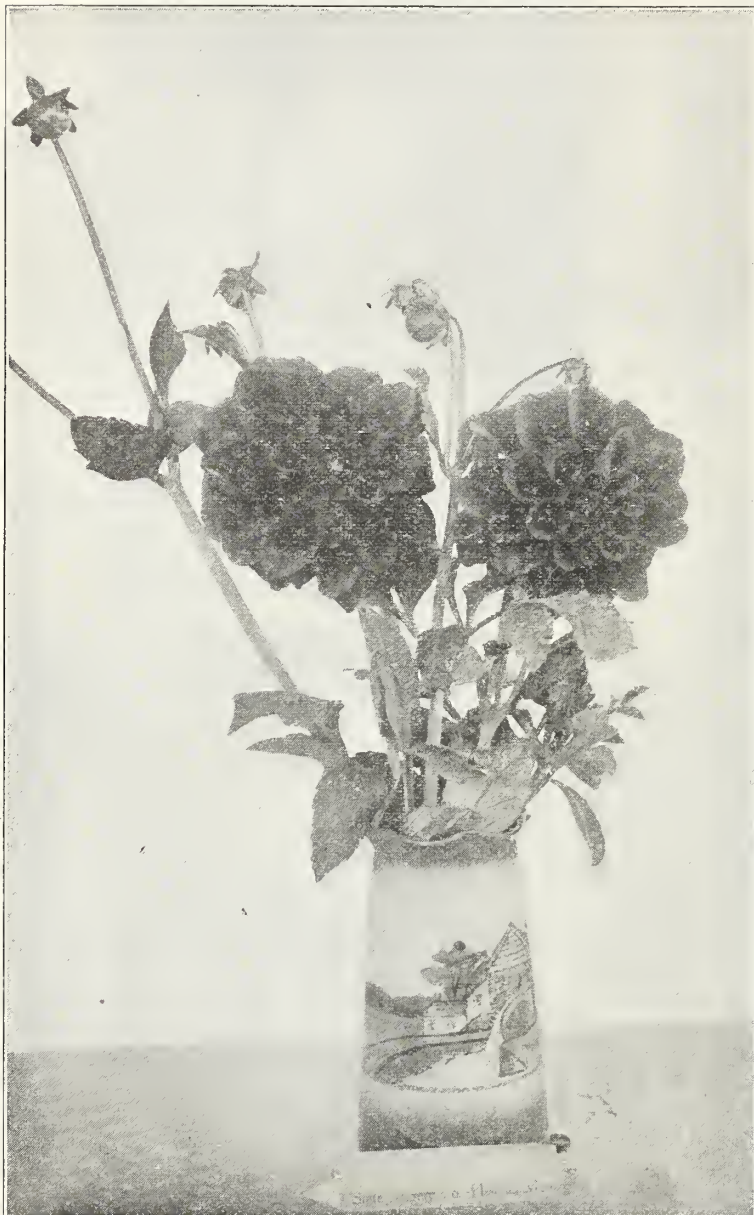
Elegans—Beautiful large magenta.

Robert Bromfield—Pure white, large flowered. Show type.



Delice—Decorative Type.

DAHLIAS—(Continued.)



Jack Rose—Decorative Type.

Perle de la Tete d'or—White faintly veined with lavender.
One of the best.

Souvenir de Gustav Doazon—One of the largest Dahlias grown. Specimen flowers of this variety have been produced measuring 9 in. in diameter. Orange red in color, and of perfect form.

John Walker—A splendid white of exceptional value.

Robert Maher—A perfect flower, very full, and clear red in color.



Maid of Kent—Decorative Type.



Dahlia—Rheingau—Peony Flowered Type.

PRICE OF DAHLIAS.

1-year-old roots each 25c. Postpaid, 30c.
Plants from 4-inch pots each 20c. Postpaid, 25c.
Plants from 3-inch pots each 15c. Postpaid, 20c.

SPECIAL COLLECTIONS.

For those of our customers who are desirous of a selection of real merit, we offer the following superb collections:—

1 each of the following six decorative Dahlias: **Gettysburg, A. D. Livoni, Capt. of Maroon, Le Phare, Maid of Kent, Elegans.** 1-year-old roots, postpaid, for only \$1.50.

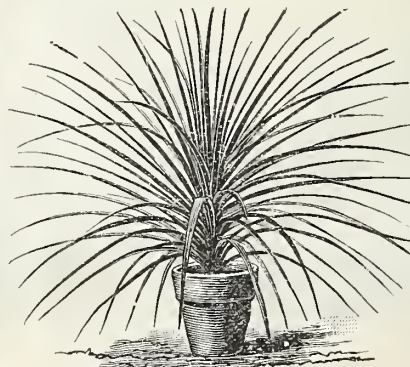
1 each of the following six Cactus Dahlias: **Sparkler, Kremhilda, Spitfire, Mrs. J. P. Mace, Brumhilda, Harbor Light.** 1-year-old roots, postpaid for only \$1.50.

1 each of the following seven Peony flowered Dahlias: **Queen Wilhelmina, Reingau, Geisha, La Rainie, Glory of Baarn, Phenominal, Queen Emma.**

The set of seven from 3-inch pots for only 75c. Postpaid 90c.

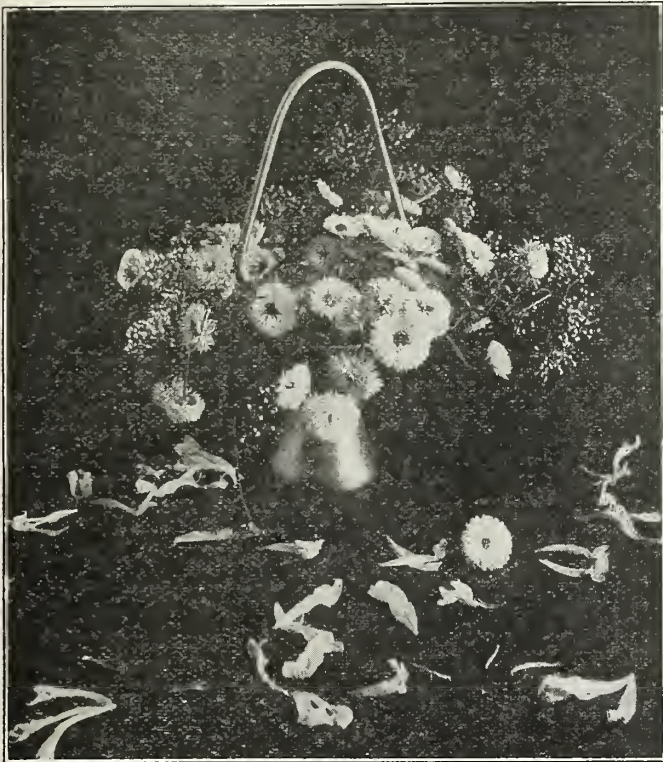
DRACENA
(Indivisa.)

Tropical looking foliage and extensively used in outdoor vases or porch. Each, 25c, 35c, \$1.00. Postpaid, 35c, 50c and \$1.25.



Dracaena Indivisa.

DUSTY MILLER
See Centaurea
—Page 5.

DAISIES.**Bellis Perennis—English Daisy.****Daisies.**

Like Pansies—the Daisies for beds or borders in the garden or cemetery are very much in demand. Blooming plants in pink or white ready May 1st.

Dozen	50c
Dozen (Postpaid)	60c

ECHEVERIA.**(Hen and Chickens.)**

Extensively used as a border plant, and an old-time favorite.

Each 10c; dozen	\$1.00
Each (Postpaid) 15c; dozen	\$1.15

FARFUGIUM GRANDE.

Its large circular leaves thickly spotted with creamy white and yellow, make it wonderfully effective for room or window decorations. Responds readily to house culture.

Each	25c and 50c
Each (Postpaid)	35c and 60c

Do You Desire a Fine Lawn?

*Note our Rocky Mountain
Lawn Grass Seed
in Seed Department*

and write for our Pamphlet
on Preparation For,
and Care of Lawns.

FERNS**Adiantum Cuneatum.**

Adiantum Cuneatum—The true Maiden Hair Fern. One of the handsomest Ferns in existence, and well known from its great use in bridal bouquets.

Each	45c and 30c
Each (Postpaid)	20c and 40c

Aspidium Tussimense—A great favorite for Fern dishes, and one of the best.

Each	15c and 30c
Each (Postpaid)	20c and 40c

Asplenium Nidus Avis—Birds Nest Fern—During the past four years, this Fern has attained a wonderful degree of popularity. Its bright glossy and broad green fronds often attaining a length of two to three feet make it a most attractive decorative fern, of a most unique appearance.

Each	\$1.00
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**Aspidium Tsussimense.**



Boston Fern.

Nephrolepis Bostoniensis—(Boston Fern) This is the general favorite with all lovers of house Ferns. More plants of this one variety have been sold than of any other one variety, and the demand is still increasing. To meet the constant demand for plants suitable for presentation to friends, we have a "SPECIAL" in this type.

Each25c, 35c 50c, 75c, \$1.00, \$1.50
 Postpaid35c, 45c, 60c, 85c, \$1.20 \$1.75
 SPECIAL—For presents, each.....\$2.50

Nephrolepis Whitmanii—The improved Ostrich-Plume Fern and a very splendid subject to grow into specimen plants. Of a very feathery and graceful appearance.

Each25c, 35c, 75c, \$1.50 and \$2.50

Nephrolepis Teddy, Jr.—A dwarf Boston, drooping just enough to make a shapely plant.

Each\$1.00

Nephrolepis Elegantissima (The Tarrytown)—Another fancy Boston and a very valuable addition where fine foliage is desired.

Each25c, 35c 75c, \$1.50 and \$2.50



Nephrolepis Elegantissima.



Crytomium Falcatum—(Holly Fern.)

Crytomium Falcatum—The popular Holly Fern. Very suitable for Fern Dishes and makes a perfect specimen plant. The leaves are thick and a beautiful holly-green color.

Each, 15c, 30c; postpaid.....20c and 40c

Japanese Fern Balls

These dainty Japanese creations are a most deservedly popular decorative Fern. When well grown, and fully developed, they are a delightful change to the ordinary type of decorative plant.

Dormant, each, 5 to 6 inch.....50c

Dormant, each, 7 to 9 inch.....75c



Japanese Fern Ball.

FERN DISHES—FILLED

Prices according to size of dish and number of Ferns used. Usually from 75c to \$1.50. We also carry a complete stock of Fern Dishes.



Pteris Serrulata Crestata.

Pteris Serrulata Crestata—A crested type of Serrulata and very attractive.

- | | |
|-----------------------|-------------|
| Each | 25c and 30c |
| Each (Postpaid) | 20c and 40c |
- Pteris Serrulata**—Very ornamental.
- | | |
|----------------|-------------|
| Each | 15c and 30c |
| Postpaid | 20c and 40c |
- Pteris Alba Lineata**—Cream striped foliage.
- | | |
|----------------|-------------|
| Each | 15c and 30c |
| Postpaid | 20c and 40c |



Pteris Tremula.

Pteris Tremula (Lace Fern)—Splendid for the house.
Each, 15c and 30c; postpaid.....20c and 40c

- Pteris Wimsetti**—A beautiful crested variety.
Each, 15c and 30c; postpaid 20c and 40c.
- Pteris Adiantoides**—Something out of the ordinary. Much used for Fern dishes.
Each, 15c and 30c; postpaid, 20c and 40c
- Polypodium Aureum—(Rabbits Foot Fern)**—An old favorite, of very easy culture, tall growing and very graceful.
Each15c, 25c, 50c, \$1.00, \$2.00
Postpaid25c, 35c, 65c
The larger sizes by express only.

HARDY FERNS.

Strong roots of these beautiful native hardy Ferns in variety, gathered on the main range of the Rockies. Unequaled for outdoor rockeries and shady corners.
Each, postpaid50c



Ficus Elastica.

FICUS—(Rubber Plant.)

- Ficus Elastica**—Admirable for the house and easily taken care of.
Each50c, 75c and \$1.00
Larger specimens, \$2.00 and \$3.00
- Ficus Pandurata**—(Fiddle Leaved Rubber). Another species of Rubber, of wonderful appearance. Splendid house plant. Each.....\$1.00 and \$2.00
- Ficus Repens**—Trailing plant, very suitable for hanging baskets. A beautiful climber for unsightly indoor greenhouse walls.
Each, in 4-inch pots.....25c
Postpaid35c

FORGET-ME-NOT.
(*Mysotis Palustris*.)

This is an improved strain of this old favorite, and wonderfully free flowering.

Each 15c; doz., \$1.50
Postpaid, each 20c; doz., \$1.65

FEVERFEW.
(*Pyrethrum*.)

Another old favorite, blooming continuously through the summer and fall, with double white flowers. Very freely produced.

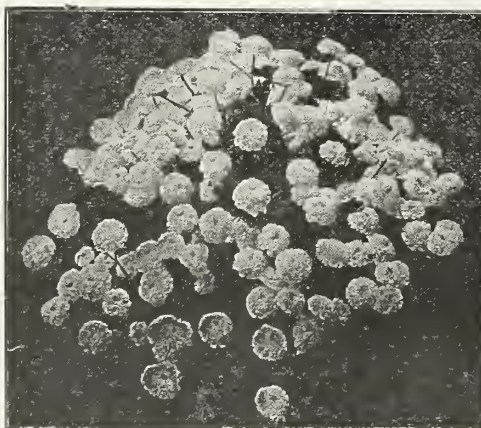
Each 10c; doz., \$1.00
Postpaid 15c; doz., \$1.15

FUSCHIAS.

A favorite with our grandmothers, and a favorite still. With their wonderful combinations of color and free flowering proclivities they are also of very easy house culture, and may be depended upon to bloom all summer. The following named varieties are the best known to the trade.

Black Prince—Red single.
Chas. Blanc—Deep red and rose, single.

Lustre—White and scarlet, single.



Feverfew.

Mrs. Marshall—White and rose single.

Mrs. E. G. Hill—White and red

Phenomenal—Red and purple, large double.

Speciosa—Red tube, corolla dark red, single.

Tropee—Double purple corolla, crimson tube and sepals.

Little Beauty—Beautiful red sepals with purple corolla, single.

Lord Byron—Single variety, superb shades of red and deep purple.

Teuner—Very red sepals with light purple corolla.

White Beauty—Red sepals with white corolla, single.

Each 15c; doz., \$1.50

Each (Postpaid) 25c

Dozen (Postpaid) \$1.65

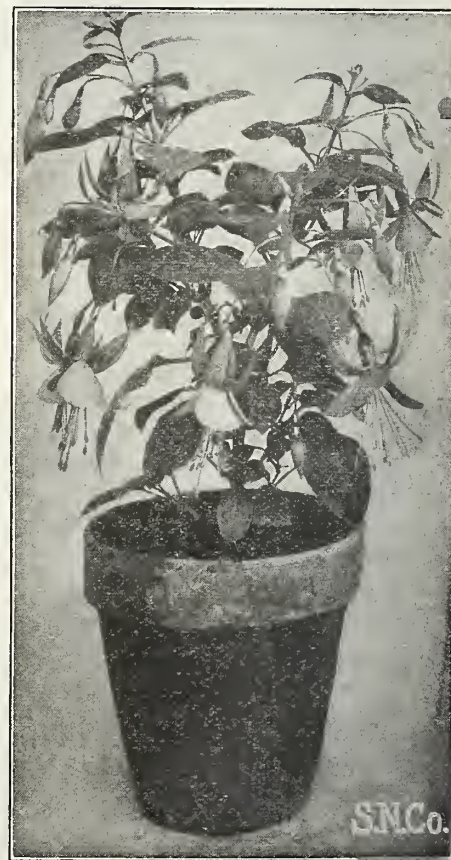
Larger plants, 25c, 35c and 50c



Fuchsia—Black Prince.



Forget-Me Not.



Fuchsia—Little Beauty.

GENISTA FRAGANS

A simply beautiful and highly fragrant early spring blooming plant of bushy habit and extremely free flowering nature. The flowers are yellow, of small pea flower shape, and borne in spikes which almost cover the plant. In great demand for Easter decoration.

Each 25c, 50c, \$1.00

Postpaid 35c, 60c

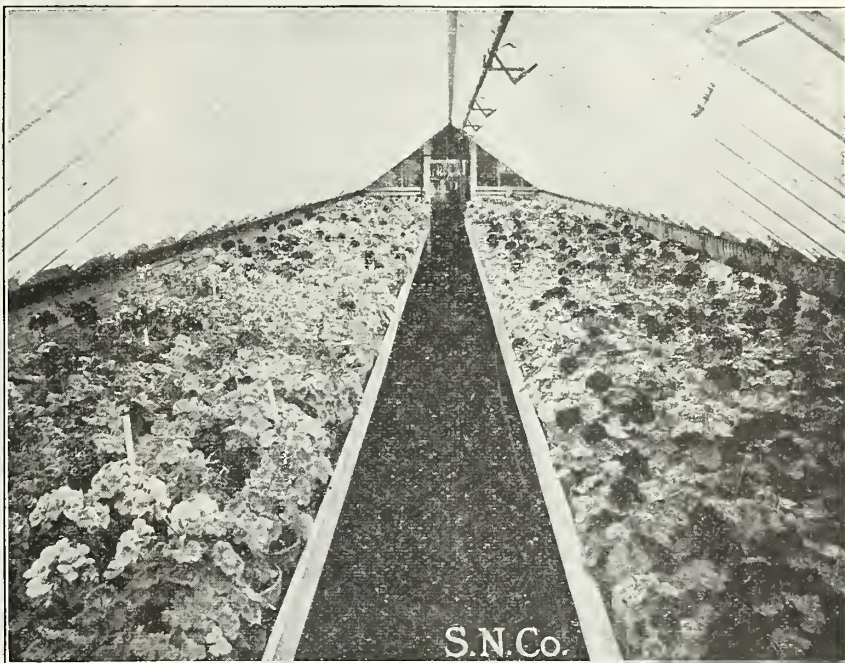
Large sizes by express only.

GERANIUMS

The following list of these popular plants both for house use and bedding purposes will be found to contain only the best and most desirable varieties known. We are constantly testing and trying out new varieties, and only when we have proved them suitable for this section do we add them to our list.

STANDARD VARIETIES. (Double.)

- Helen Michell**—This is a recent introduction of great merit. It is a semi-double, of a clear scarlet color, with very large florets and truss. Foliage a lustrous green, of a bushy compact habit of growth. Very early and free bloomer.
- Beautie Poitevine**—Salmon pink, the best of its color.
- Henriot**—Rose overlaid violet, white eye.
- Hubert Charron**—Red shading to white center.
- La Favorite**—White, one of the best.
- Louis Madeline**—A deep pleasing rose color.
- Marquis de Castellaine**—Crimson, with immense trusses of bloom.
- M. Jules Dispot**—Combination of red, violet and lilac, quite dark.



One of Our Many Geranium Houses.

- Red Wing**—Bright scarlet, striking bedder, good for cutting.
- S. A. Nutt**—Dark crimson, the best bedder of all. A great demand for this every year.
- Divinite**—Orange red; thick heavy foliage.
- Flamme Pointvine**—Rose vermillion, large blooms.
- Jean Madeline**—Fine light rose color.
- Jean Viaud**—Grand pink bedder.
- Le Barde**—Genuine Watermelon color, extraordinary bedder.
- Madonna**—Snow white, good bedder.
- M. Paul Blondeau**—Bright rose, very large flower.

(Single Varieties.)

- Col. Gillan**—Bright scarlet maroon, markings very brilliant.
- Gen. Wolseley**—Rosy scarlet, showy and effective.
- Mme. L. Moyot**—White center, vermillion border.
- Mme. J. Cibiel**—Salmon pink, white eye and border.
- Mme. P. Morlan**—Rosy Salmon, free bloomer.
- Michele Savary**—Salmon pink, shading to white.
- Sentinel**—Dark crimson, round flowers.
- Scaramouche**—Salmon, shading to white at tip of petals.
- Vermillion**—Large brilliant flowers.
- Vera Oulianesk**—White, clear, round, perfect flowers.
- Yvette Prost**—Rosy pink, fine for cutting or window boxes.

Prices—Single or Double—

- Each from 3-in. pots....15c; doz., \$1.50
 Each from 3-in. pots (postpaid)....20c
 Doz. from 3-in. pots (postpaid), \$1.65
 Each from 4-in. pots....25c; doz., \$2.50
 Each from 5-in. pots....35c; doz., \$3.00
 Larger plants.....50c each
 Large plants by express only.



Helen Michell.

GERANIUMS (Continued)

Geranium Mme. J. Cibiel.



Gen. Wolseley.



Ivy Leaved Geranium.

IVY LEAVED GERANIUMS.

This class of Geraniums is rapidly growing in popularity and never fails to please those who desire a really valuable window plant. They are very free bloomers, and lend themselves splendidly to house culture.

Pierre Crozy—A single free bloomer of intense scarlet.

Mrs. J. G. Day—Crimson.

Leopard—Lavender pink dotted with crimson.

Mrs. Hawley—Rose.

Souvenir de Chas. Turner—Deep bright pink.

Achievement—Rose with white eye.

La Eleganta—Beautiful variegated foliage.

Wm. Tracy—Double light pink, a rather short habit of growth. Very fine.

Each, from 3-in. pots.....15c; doz., \$1.50

4-in. pots.....25c; doz., \$2.50

Each (Postpaid), from 3-in. pots, 20c; doz., \$1.75

Each (Postpaid), from 4-in. pots, 30c; doz., \$2.75

VARIEGATED AND SCENTED GERANIUMS.

Happy Thought—Leaves yellow center bordered with green. Flowers rose.

Madame Salleroi—Bushy variety, used for borders; goes well with Lobelia. No bloom.

Mountain of Snow—Fine foliage variety, silver edge flowers red.

Mrs. Pollock—Foliage yellow, green and red variegation. Flowers red.

Corinda—A sweet scented hybrid of the Pelargonium type.

Balm—The well known large foliaged rose scented geranium.

Lemon—The small foliaged old-fashioned Lemon Geranium. Very fragrant.

Rose-Scented Geranium—Very popular. Flowers pink.

Shrubland Pet—A new Rose-Scented Geranium, with pink blossoms, and of free branching growth. Foliage highly fragrant.

Each, in 3-in. pots.....15c; doz., \$1.50

Postpaid20c; doz., \$1.65

GERANIUMS—(Continued)

PELARGONIUMS (Martha Washington Geraniums)

Easter Greeting—One of the most desirable plants of this class that can be grown. Its flowers, which are borne in great profusion from March until late fall, are of a fiery amaranth red, each petal bearing a blotch of deep brown or black and very large, often measuring from two to three inches in diameter. It is of a very compact and bushy habit, and of easy house culture.

Easter Morn—A sport from Easter Greeting, duplicating that variety in all respects but color which is of a great deal lighter shade. A splendid companion plant to its parent.

Crimson King—Intense crimson, free flowering.

King Oscar—Blush pink, shaded maroon and red.

Mrs. Bradshaw—Pure white, a profuse bloomer.

Princess May—Very light pink.

W. C. Boyce—A beautiful shade of salmon.
Each15c, 20c, 35c and 50c
Each (Postpaid)20c, 30c, 45c and 60c

THE PANSY GERANIUM.

Madam Layal—This is another of the plants a favorite with our grandmothers, and is rapidly coming into another well deserved reign of popularity. Of the most easy house culture and a most profuse bloomer.

Each15c; doz., \$1.50
Postpaid20c; doz., \$1.65



PELARGONIUM—Easter Greeting.

GLADIOLUS

A very attractive summer flowering bulb and one in which wonderful improvements have been made. To get the very best results they should be planted in a good sandy loam and where they get the most sun possible. Good spreadings of well rotted stable manure is the best fertilizer. Care should be taken in planting, bulbs being set from 4 to 6 inches deep and from 4 to 5 inches apart each way. In the fall, before frost, the bulbs should be lifted the stems cut off; place the bulbs in a cellar or some place away from the frost until planting time in the spring.



Gladiolus America.

America—Large flesh-pink flowers.

Augusta—Pure white with blue antlers.

Mrs. Frances King—Light scarlet.

Brenchleyensis—Vermilion scarlet.

Priniceps—Rich crimson, with white blotches on lower petals.
Price, each, 5c; (Postpaid)doz., 60c

CHILDISI COLLECTION OF GLADIOLUS.

A collection for general planting, and as these can be planted among other plants without in the least interfering with the growth of either, we strongly advise our customers to plant at least one dozen.

Price, per doz. (Postpaid)40c
Price, per 100 (Postpaid)\$2.75

S. N. AND S. CO.'S COLLECTION OF GLADIOLUS.

Comprises the best varieties, both as to flowering and beauty of color.

Per doz. (Postpaid)50c

GREVILLEA ROBUSTA—(Silk Oak)

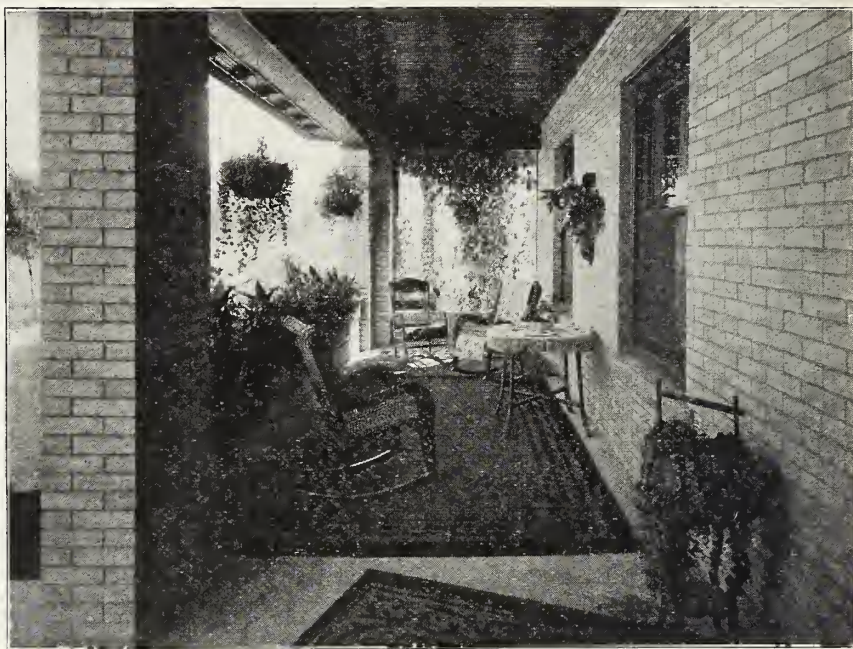
A splendid and most easily grown decorative plant from Australia with very feathery foliage.

Each25c and 50c
Each (Postpaid)30c and 60c

Hanging Baskets, Porch and Window Boxes



Hanging Baskets.



Sample of the Beautiful Effect Attained in Porch Decoration by Hanging Baskets and Porch Boxes.

Hanging Baskets can be sent by express to almost any point with safety, but porch and window boxes do not permit of shipment in this manner. If you will send us the sizes of the boxes you desire to fill, we will take pleasure in promptly mailing you a list of the plants suitable for the same and their cost prepaid to you. Always give the exposure—North—East—West or South in writing for list of plants suitable for porch boxes. In making porch boxes, it will be found that a width of 7 inches, and a depth of 8 inches, inside measurement, is sufficient. If the place to be filled is six feet or over in length, it will be found best to make the box in two or more sections, for convenience in handling. Always see that holes are bored in the bottom to allow for the necessary drainage.

HANGING BASKETS

Prices vary with the class and values of the plants with which the baskets are filled. We can assure our customers that our selections and filling, by artists in this line, can not fail to satisfy even the most critical taste.

Each, 10 inches wide....\$1.00 to \$2.00

Each, 12 inches wide....\$1.50 to \$3.00

Each, 14 inches wide....\$2.50 to \$5.00

HELIOTROPE

Heliotropes will succeed in or out of doors. Their exquisite perfume makes them a favorite everywhere.

Centifleur—One of the newer forms of medium lavender color, with enormous heads of bloom.

Elizabeth Dennison—A very compact large flowered form almost violet in color.

Florence Nightingale—A lavender colored type, very floriferous.

Each15c, 25c and 50c

Each (Postpaid)20c, 30c and 60c

HIBISCUS

A well known tender shrub which may be grown in a pot or tub and treated in the same manner as an Oleander. They flower freely during the summer and in the winter if kept in a light sunny position in the house.

PEACHBLOW—A double variety of a peach blossom color. One of the most popular sorts.

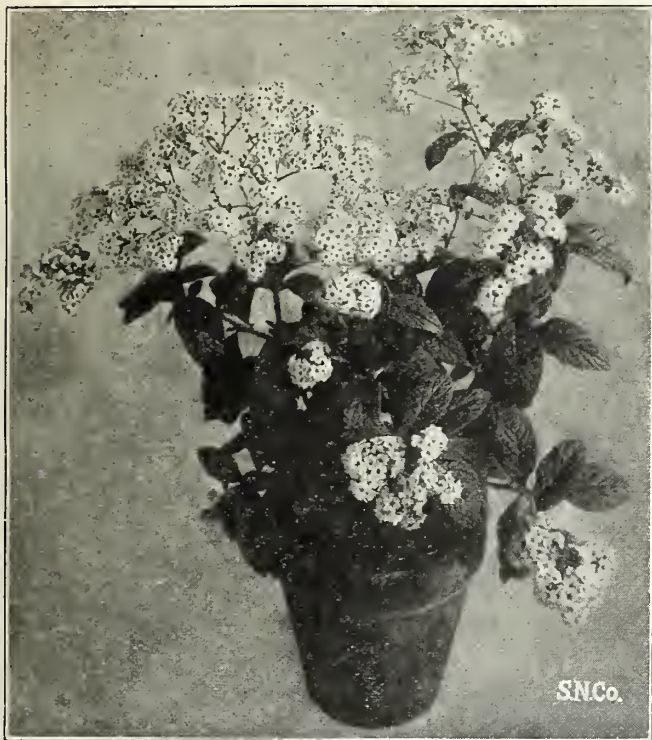
Each, 25c; postpaid.....30c



Heliotrope.

This Issue Cancels All Previous Issues.

HYDRANGEAS



Hydrangea Otaska.

These half hardy shrubs are in great demand as house, porch or garden plants, the varieties listed are of the very best and of easy culture. During winter the plants should be kept cool but never permitted to freeze and only sufficient water given to prevent the roots from drying up.

To obtain the blue shades, thoroughly mix with the soil in which the varieties known as **Otaska** or **Radiant** are grown, a free proportion of iron borings or filings. Naturally pink, this will cause them to turn to a most beautiful shade of light blue.

Otaska—The well known pink variety.

Radiant—One of the best. Rich rose carmine.

La Fraicheur—A new French introduction. Trusses large and pure white.

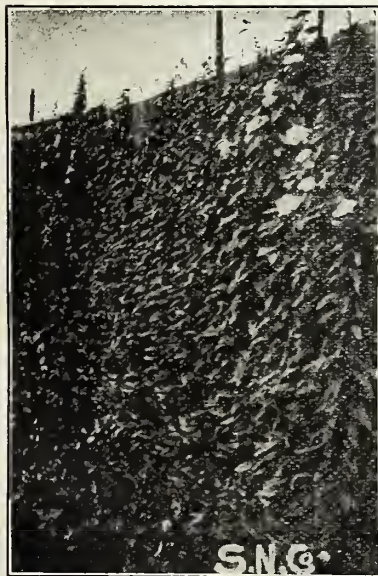
Reene Gailard—Another of the new French varieties. Color a beautiful soft pink.

From April to June we have extra fine specimens in blossom.

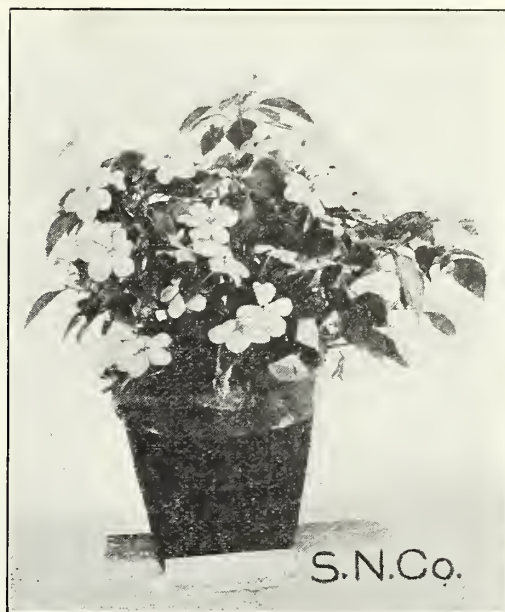
Each, small plants 25c; larger plants 50c to.....\$2.00
Each small plants (Postpaid)35c
Larger plants (Postpaid) 75c to\$2.35

IPOMOEA. (Moon Vine.)

The well known Moon Climber. Flowers white and fragrant. Each45c; doz., \$1.50
Each (Postpaid) 20c; doz., \$1.65



Moon Vine.



IMPATIENS SULTANI.

A plant that should be in everybody's collection being almost continuously in bloom and of bright red color, which makes it the ideal table or window plant.

Each, 15c and 25c.....Postpaid 20c and 35c

IVY—(English.)

Not hardy enough for our winters, make a good indoor vine.

Each15c and 25c
Each (Postpaid)20c and 30c

IVY—(German or Parlor.)

A good vine for the window at all seasons, and in great demand as a vase, basket or window box plant in the summer.

Each, 10c; postpaid.....15c
Per doz., \$1.00; (Postpaid).....\$1.15

LANTANA.

One of the most attractive house plants, with a most brilliant range of colors, and extremely floriferous.

Craigii Dwarf—Orange, carmine.

Comtesse de Brencourt—A fine pink.

Delicatissima (Weeping Lantana)—Rosy lavender flowers, very suitable for hanging baskets.

Fleur d'Or—Yellow.

Grand Sultan—A brilliant red.

Snowball—Pure white.

Each, 15c and 30c; postpaid.....20c and 40c
Collection of 6, 75c; postpaid.....90c

AMERICAN WONDER LEMON.

This variety is one that succeeds well in house culture, and with ordinary care will bear its enormous fruit freely. It is nothing unusual to see a plant of this variety not over three or four years old carrying as many as twelve or more lemons weighing from 1 lb. to 1½ lbs. each. The fruit are excellent—far superior for culinary purposes to the ordinary store lemon.

Each, 50c; postpaid.....65c

LEMON VERBENA—(See Aloisia, Page 2.)

LILIES

(See Also Hardy Lilies.)

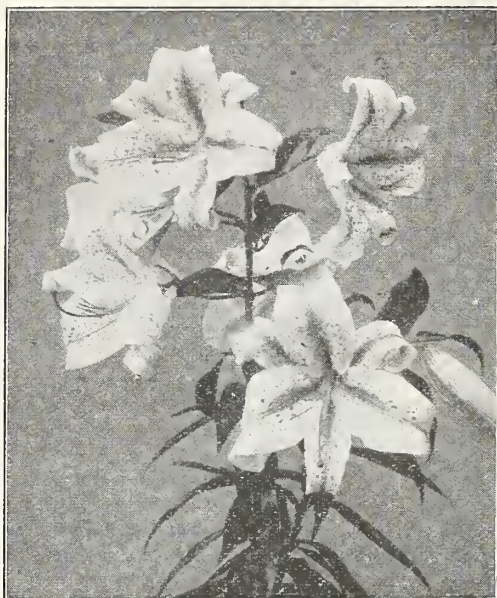
Calla Aethiopica—Calla Lily or Lily of the Nile. A well known and justly a favorite window plant. Of very easy house culture.

Each50c and 75c

Calla—Little Godfrey—A smaller type of recent introduction and with its extremely free flowering habit, has proved wonderfully popular.

Each.....25c, 50c and 75c

LILIES—(Continued.)

**Lilium Auratum.**

L. Auratum—The wonderful gold-banded Lily of Japan. Flowers will often, if well grown, measure ten inches in diameter, of a creamy white, spotted with crimson and striped with yellow. Extremely fragrant.

L. Album—A well known and handsome pure white lily of wonderful beauty, with reflexed petals.

L. Rubrum—Another handsome lily and very largely grown for cut flowers. Of a very delicate pink freely sprinkled with deep crimson spots and markings, and reflexed petals.

L. Giganteum—The well known Easter Lily. We grow these in large quantities for Easter decoration, and at that season you can send no more appropriate remembrance to a friend than one of these beautiful plants. Send us your orders, and we will pack and ship them in the best of condition to any part of this section, with your card attached.

By express only—each from.....\$1.00
To\$3.00

Dormant bulbs in season of the above varieties each 25c
Postpaid30c

**Lobelia.**

The best of all for border plants, being low and covered with a mass of small blossoms. They thrive in almost any garden soil, but should be planted where they get the most moisture.

LOBELIA—(Continued.)

New Double Blue Kathleen Mallard—Large double flowers of an intense blue, very desirable.

Each, 10c; postpaid, 15c; doz., \$1.00; postpaid, \$1.15

Crystal Palace—Deep blue; a splendid bedder.

Each, 5c; postpaid, 10c; doz., 50c; postpaid, 60c

White Gem—Snow white.

Each, 5c; postpaid, 10c; doz., 50c; postpaid 60c

**Marguerite—Mrs. F. Sanders.****MARGUERITES.**

Mrs. F. Sanders—This variety has taken precedence over all others of its class. It is double, pure white, with long stemmed blooms often measuring five inches in diameter. Grown in enormous quantities for cut flowers, and a splendid keeper when cut.

Each, 15c, 25c, 50c; postpaid.....20c, 35c, 60c

White Marguerite—(*Chrysanthemum Frutescens*)—This is the well known single Paris Daisy, and the best known of the family.

Each 10c, 25c, 50c; postpaid.....15c, 35c, 60c

Boston Yellow—A magnificent golden yellow Marguerite, with flowers from 3 to 5 inches in diameter. Greatly grown for cut flowers, having long strong stems.

Each, 15c, 25c, 50c; postpaid.....20c, 35c, 60c

All Plants Quoted by Express Only, or not quoted postpaid are at Purchaser's Cost of Shipment

MIGNONETTE.

Plants from 2-in. pots each.....5c
 Doz. 50c; postpaid, each 10c; doz., 60c

MOON VINE—(See Ipomea, Page 19.)**NICOTIANA—(Flowering Tobacco.)**

A beautiful plant for the garden, growing to a height of 3 to 4 feet; color white.

Each (Postpaid)25c

NASTURTIUMS.

Fall or Climbing Varieties—The ideal summer vine for Trellises, verandas or for covering unsightly railings.

Dwarf or Bedding Varieties—Give a splendid effect when massed in beds, their various colors giving an effect incomparable.

Each, 5c; doz.....50c
 Postpaid, each 10c; doz.....60c

OLEANDER.

A most interesting house plant, forming beautiful spikes of flowers in delicate shades of pink and white. The Oleander is probably one of the most popular and well known of all house plants.

Each25c and 50c
 Each (Postpaid)35c and 65c

OXALIS.

Usually where plants are grown the Oxalis is found in the collection.

Rosea—Ever-blooming, producing a mass of blossoms throughout the year.

Buttercup—Yellow, grows and blossoms freely.

Grand Duchess—Pink. A most prolific flowering variety of easy growth. One of the very best for house culture.

Price, each15c and 25c
 Price (Postpaid)20c and 30c



Orange Otaheite.

ORANGE OTAHEITE.

This valuable and distinct variety of the Orange family is a dwarf, compact grower, with glossy deep green foliage which has a decided odor of the Orange trees of Florida, and is exceedingly floriferous producing a wonderful profusion of pure white flowers of the most delicious fragrance. Otaheite fruits immediately after flowering,

bearing fruit about one-half the size of the ordinary orange. As a pot plant this lovely dwarf Orange is one of the most novel and beautiful that can be grown.

Price, each50c

ORCHIDS.

We grow these in considerable quantities, and usually have specimen plants in blossom. Write for prices.

PANDANUS.

Veitchii—One of the finest foliage plants for the house.
 Each\$2.00

Utilis—A popular and less expensive variety.
 Each\$1.00 to \$2.00



Orchids—(Cattleyas)—In Bloom in Our Orchid House.

PANSIES

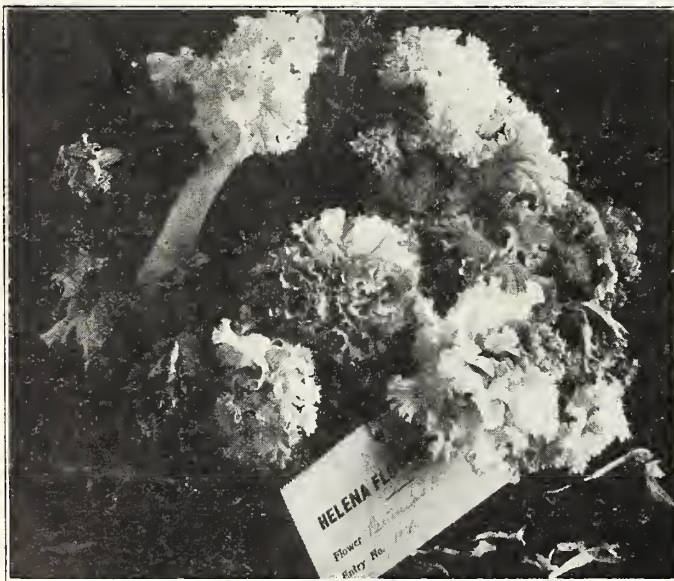
Who does not love a pansy? The flowers with faces. We are the most extensive growers of these favorites in the entire Northwest, and have spared no pains or expense to procure the finest strains known. Our Pansies are all from strains which combine hardiness, beauty of color, size of bloom and length of stem. A strain which does not measure up to this high standard when tested by our expert growers, is at once discarded. The result of this policy has been that we can scarcely grow enough of these selected strains to supply the demand. We are continually increasing the space devoted to them.

Per dozen50c
Postpaid60c



ONE OF OUR THREE PANSY HOUSES.

PETUNIAS



A Vase of Our Double Petunias.

The demand for our Double Petunias has kept our growers busy to meet it. The steadily increasing use of porch and window boxes for porch decoration, is calling for the best that can be produced in these free blooming plants, and for that purpose they are absolutely indispensable.

DOUBLE PETUNIAS.

Edna—Pink mottled white.
Guy—A beautiful light pink.
Jerome—Purple with white edge.
Snowball—Finely fringed white
Talma—Clear pink.

Each15c; doz., \$1.50
Each (Postpaid)20c; doz. \$1.65



Single Petunias.

The beauty of our single Giant Fringed Petunias must be seen to be appreciated. They are of a most bewildering array of color, giants in size, of exquisite beauty, and like the double sorts are indispensable plants for porch boxes and baskets.

Each, 15c; doz., \$1.50; postpaid each, 20c; doz., \$1.65

PALMS—(See Palm Department, Page 26.)**PANCIUM.**

Javanicus Fol. Var.—Beautifully variegated grass, excellent for hanging baskets.

Each, in 3-inch pots.....15c
Each, in 3-inch pots (Postpaid).....25c

PASSIFLORA COERULA.**Passion Flower—Passion Vine.**

A rapid growing climber, very suitable for house culture. It produces large lavender-blue flowers of a wonderfully unique formation yet of great beauty. It is a native of our southern states, where it grows in a wild profusion, and is known as the Apricot vine. The fruit, which is about the size of an egg is edible, of great fragrance, and is much sought after in its native section.

Each, 15c; postpaid.....20c

PHLOX DRUMMONDII.

This is a wonderfully free blooming annual, of the greatest beauty, and possessing a range of colors from white to the most brilliant scarlet. It will keep in bloom until the frosts compel it to quit, and a bed of these will attract attention anywhere.

PHLOX HARDY—(See Hardy Perennials, Page 42.)**PRIMROSES.****Primula Sinensis (Chinese.)**

Primula Sinensis—Chinese Primrose—An old-time favorite as a fall and winter house plant. Colors: Red, White, Pink. Very floriferous.

Primula Obconica—This type of primrose has attained a popularity unequaled by any of the genus. Of a most profuse blooming habit in flower from fall until early spring. The shades of color range from a pale lavender to deep rose. In ordering state shade of color desired.

Primula Malacoides—This is the Baby Primrose. It bears masses of delicate lavender colored flowers in wild profusion, and deservedly ranks among the best of the fall and winter house plants.

Any of the above varieties, blooming plants in season, from October to March,

Each25c, 35c, 50c
Postpaid35c, 45c, 60c

**Primula Malacoides.**

**SEND FOR OUR XMAS CATALOG,
WHERE WE QUOTE SUPERB SPECIMEN
PLANTS OF THESE—FOR XMAS PRESENTS.**

For those who desire to grow these plants to full maturity in the house, we offer young plants from May to August at,

Each15c, 25c and 35c
Postpaid20c 30c 45c

POINSETTA PULCHERIMA.

See our Xmas catalog for especially grown plants of this variety for Xmas gifts.

These handsome winter plants with their great bracts of brilliant scarlet are one of the most popular Xmas plants. Lasting as they do for weeks in full and glorious beauty, make them an universal favorite. Ready in December.

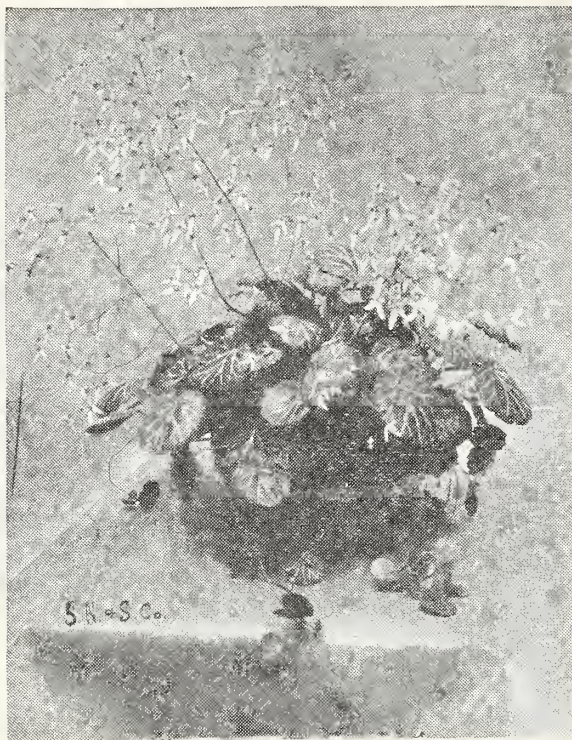
Each.....50c and \$1.00

ROSES—(See Pages 27-35.)**SALVIA—Scarlet Sage.**

Salvia—or as it is more commonly called, Scarlet Sage—is without a doubt one of our most valuable summer bedding plants. Give it a sunny location, with well fertilized soil and sufficient water, and a bed of Salvia will well repay the outlay. Of easy culture—and rapid growth, they literally cover themselves with long erect spikes of most brilliant scarlet flowers, borne well above the deep green foliage. A well grown bed of Salvia is literally a bed of fire.

Each, 10c; doz., \$1.00; per 100.....\$7.00
Each (Postpaid), 15c; doz.\$1.45

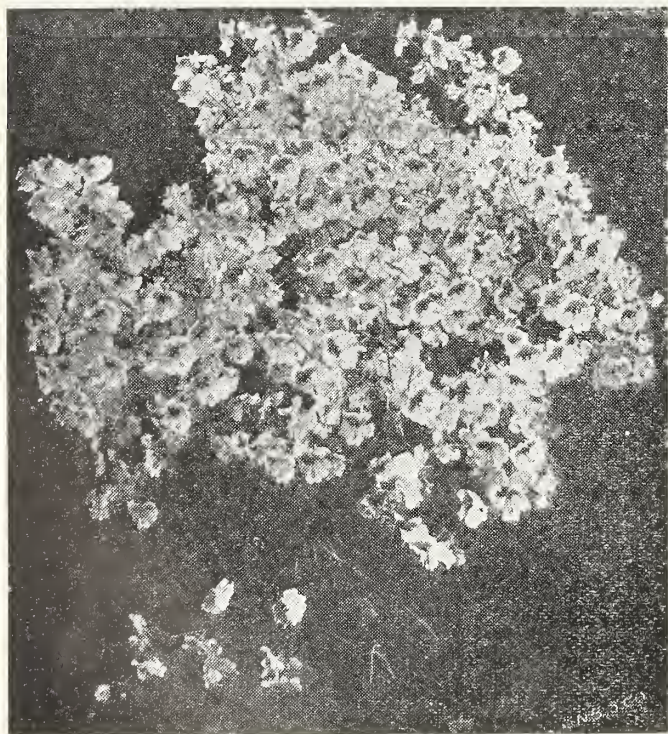
In lots of 100 by express only.



Saxifraga Saramentosa.

Saxifraga Saramentosa—Aarons Beard—Mother of Thousands—or Strawberry Geranium. This is a handsome plant of a wonderful trailing habit, with brightly variegated foliage. It is a splendid plant for small hanging baskets, of a real decorative value, that will thrive under most adverse conditions.

Each 15c and 35c
Postpaid 20c and 45c



Schizanthus.

SCHIZANTHUS—(Butterfly Flower.)

This as the foregoing cut portrays, is a most delightfully dainty blooming plant. It must be seen to be appreciated at its full value for home decoration. The plants are very easily grown in the house, and in the late summer and early fall will prove a revelation to the lover of the beautiful in the home.

Each 15c and 25c
Postpaid 20c and 35c

SHAMROCK.

We offer the genuine Irish Shamrock, grown from seed direct from "the ould sod" and can supply them in large quantities.

Each, 10c; postpaid.....15c

SMILAX.

This is a most graceful climber for house culture and is greatly in demand by florists for decorative purposes.

Each, 15c; postpaid.....20c

SPIREA JAPONICA—(Astilbe.)

S. Gladstone—Next to the Easter L'ly, this is perhaps the most widely cultivated plant for Easter decoration. It is of very easy culture, and produces large feathery spikes of pure white blossoms well above splendidly decorative foliage.

Plants in bloom at Easter, each.....\$1.00

Dormant Roots, each50c

(See also Hardy Perennials.)

STATICE—(Sea Lavender.)**Annual Types.**

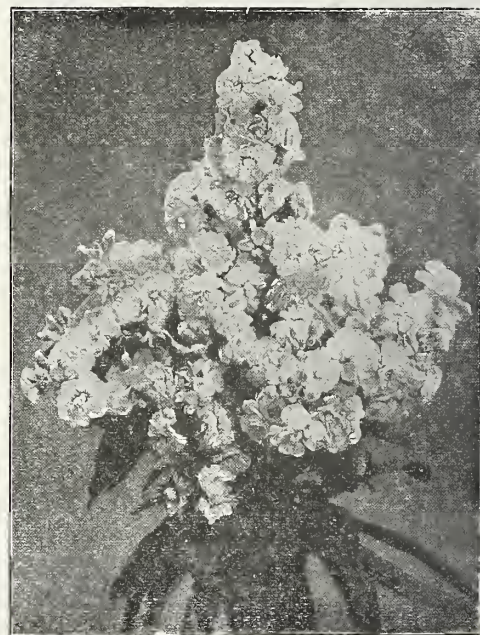
The annual forms of this plant are becoming very popular, on account of their peculiar habit of drying out with their natural form and color, thus listing them with the most popular of the everlasting flowers.

S. Sinuata—Blue.

S. Sinuata—White.

Each, 5c; doz.....50c

Postpaid 10c and 60c



Stocks.

STOCKS—Ten Week (Gilliflower.)

Stocks—One of the most useful bedding plants that can be grown. Their intensely free blooming habit, coupled with their long keeping qualities when cut and their magnificent range of coloring, render them a universal favorite with all flower lovers. In shades of white, yellow, dark blue, lavender, pink, rose and blood red.

Per doz., 35c; postpaid.....40c



Tradescantia.

TRADESCANTIA
(Wandering Jew)

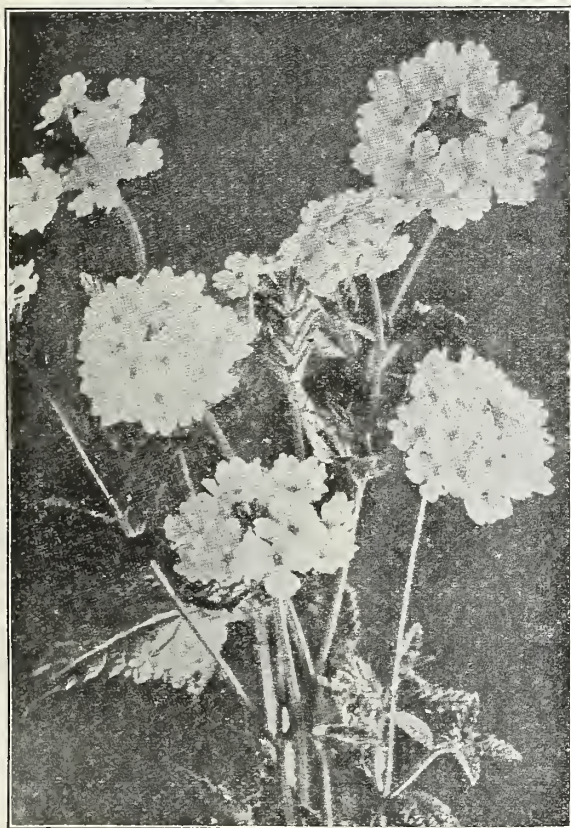
One of the most used plants in the world for hanging baskets and porch boxes. Two varieties—green foliage and variegated, the latter being red and silvery green.

Each	.....10c
Dozen	.....\$1.00
Each (Post-paid)	.....15c
Dozen (Post-paid)	.....\$1.15

TUBEROSES.

One of the most delightfully fragrant and exquisite of all summer blooming plants. It is desirable to plant the bulbs as soon as the ground becomes warm. Our specialty is the Excelsior Double Pearl variety.

Each	.....5c
Dozen	.....50c
Each (Post-paid)	.....10c
Dozen (Pd)	.....60c

**VERBENAS.**

These are one of the best and without doubt one of the most valuable bedding plants for use in the Northwest. They bloom continuously through the summer, and very often after the first frosts of fall. Their free flowering

proclivities, and brilliant shades of coloring render them attractive to every lover of summer flowers in the garden. Colors—Scarlet, Pink, White, Purple and Striped.

Each, 10c; per doz.	.....\$1.00
Postpaid, each 15c; doz.	.....\$1.15

VINCA MAJOR.

This is without a peer as a decorative vine for porch boxes and hanging baskets. Of the most easy culture, and rapid growth, it is today the most used trailing plant for this purpose in all parts of this country. The demand for it in the United States runs into the millions each year, and is steadily growing.

Vinca Major—Handsome dark green foliage.

Vinca Major Variegata—Foliage dark green in center, bordered with an irregular margin of rich creamy white. A most beautiful vine for porch use, and can not be too highly recommended.

Each	.....15c to 35c
Postpaid	.....20c to 45c

Vinca Minor Argentea Variegata—This is a comparatively new introduction, but the demand is already passing the supply. It is a variegated form of the favorite old English periwinkle with silver white edging around the deep green center of the leaf. Like its parent, it is extremely hardy, making a splendid carpet plant in the most shady places where hardly any other plant would grow at all. A most useful plant for covering graves the wonderful contrast of color and evergreen foliage rendering it one of the most valuable acquisitions of late years for this purpose.

Each, 15c to 35c; postpaid.	.....20c to 45c
Each, large clumps.	.....50c
Postpaid, large clumps.	.....60c
Per dozen, \$5.00, by express only.	

VIOLETS.

We have found that violets under proper cultivation can be grown in Montana that are the equal of any in the entire country. As an evidence of this fact, the demand for violets as cut flowers, in their season, in our own case, has increased so rapidly that it now requires seven of our largest greenhouses to satisfy the demands made upon us for these fragrant blooms. Under the care of the expert in charge of these plants, they are absolutely free from all signs of disease that so often attack them in many parts of the country.

Governor Herrick—Flowers of rich purple borne on good stems and very prolific.

Princess of Wales—One of the best varieties grown. Flowers very large, long stems, a very profuse bloomer, and extremely fragrant.

Each	.....10c and 25c
Postpaid	.....15c and 35c

WALLFLOWERS.

In this we have another favorite fragrant and easily grown old-time flower. Great improvement in these plants has been made in the last few years, and they are now in ever increasing demand.

Each, 5c; doz.	.....50c
Postpaid, 10c and.	.....60c

WAX PLANT—(Hoya Carnosa.)

This is another old-timer and a really valuable indoor climber. Its trusses of light pink—almost white—flowers, more closely resemble a delicate piece of wax work than almost any other of nature's productions.

Each	.....35c
Postpaid	.....45c

ZINNIA—(Old Maid.)

Zinnias are one of the finest and showiest annuals grown. They will thrive anywhere, blooming from early summer until cut down by frost. With every color of the rainbow and some others thrown in, a bed of Zinnias is indeed a most gorgeous sight in the summer landscape.

Each, 5c; doz.	.....50c
Postpaid, each 10c; doz.	.....60c

PALMS

Palms make an ideal gift for any purpose and at any season, be the occasion a Wedding, a Birthday, or a Christmas remembrance. We are the largest growers of these and all other plants in the Northwest, and can always supply select specimen plants at moderate prices.



ONE OF OUR PALM HOUSES.



Kentia Fosteriana.

Cocos Weddeliana—The most feathery and graceful of the genus. Small plants of this variety are in great demand for Fern Dish ornamentation.
Each50c and 75c

Kentia Kosteriana—An extremely useful variety, and one that responds well to house culture.

Each.....\$1.00 to \$5.00

Kentia Belmoreana—Another splendid house type similar to Fosteriana, but with broader pinnae and a longer growth of midrib or stem.

Each.....\$1.00 to \$5.00

Cycas Revoluta—(Sago Palm)—A most valuable decorative palm with a most decidedly tropical effect. Very easily grown.

Each.....\$1.00 to \$2.00

Phoenix Roebelenii—A comparatively new introduction of the greatest merit as a decorative palm, and one of the most graceful of the entire genus. Responds readily to house culture.

Each.....\$2.00 to \$3.00

Latania Borbonica—The well known Fan-Leafed Palm, of a tropical appearance but of very easy growth in the home.

Each\$1.00 to \$2.00



Cocos Weddeliana.

ROSES

WE DEVOTE A SPECIAL DEPARTMENT—AN ENTIRE RANGE OF GLASS—IN CHARGE OF AN EXPERT TO THE PRODUCTION OF ROSES FOR MONTANA AND THE NORTHWEST.

Roses—The flowers that are beloved by all—can and are now grown as successfully in Montana as in any section of the country. Careful pruning at the proper season, sufficient water and fertilizer; with a good protection of such material as dry straw in winter, will give a wealth of beauty and bloom in the summer that will far more than repay for the outlay and labor expended on them.

The Beautiful New Rose—Columbia

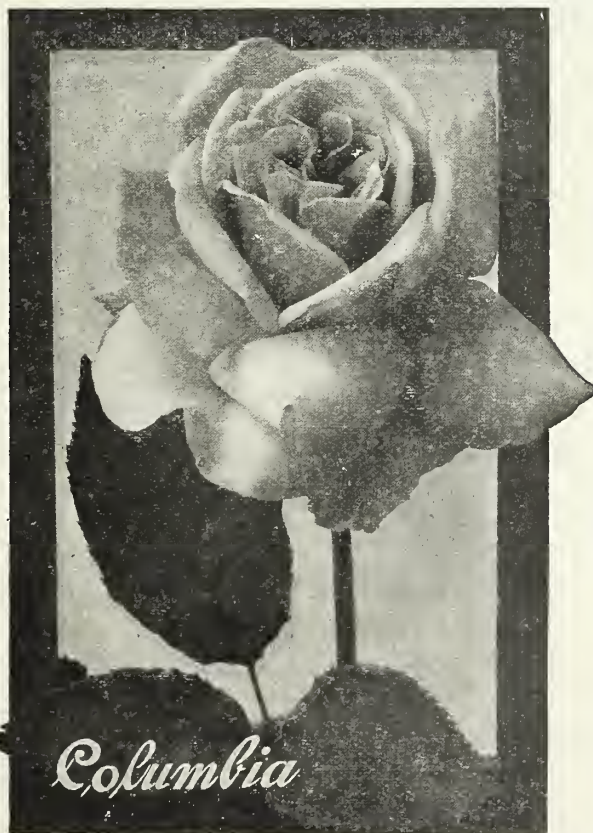
The Floral Sensation of the Year.

COLUMBIA

Is a new Rose, introduced this season for the first time.

All who have seen this Rose are most enthusiastic in regard to its beauty and habit of growth.

It fully meets the requirements of the present day—being an American production, originating in the greenhouses of one of America's largest Rose growing specialists.



DESCRIPTION

It is a large Rose.

Color: A perfect Peach-blow pink, which deepens as it opens.

Stems: Erect, long, stiff and nearly thornless.

A strong easy grower of wonderful vitality.

So far, all who have had the privilege of seeing this new Rose, agree that it is one of the most beautiful additions of late years to the Floral world.

Price of COLUMBIA—Young Plants From 4-inch Pots \$1.00 Each, Postpaid.

FOR PRICES ON ROSES

See Page 33



Basket of Hoosier Beauty.

Hybrid Tea Roses (Red)

Monthly—Or Everblooming.

X Hoosier Beauty—(H. T.)—A late introduction, but it has jumped at once in a popularity attained by few. Color a glowing deep scarlet with darker shadings, and opens into a magnificent bloom.

Each, 25c and 50c; postpaid, 30c and 60c.

X American Beauty—(H. T.)—This is one of the best known and most popular Roses ever introduced. It has proven one of the very best for this climate, and its beautiful large red blooms can be seen in every section. We make a specialty of this and always supply the finest grade of stock. Our special One Dollar size is the best value ever offered to Rose lovers.

Each	15c and 50c
Postpaid	20c, 40c and 60c
Special size—extra large—each.....	\$1.00
Per dozen	\$10.00

Prince E. C. d'Arenberg—(H. T.)—A brilliant fiery scarlet shaded with maroon. Of most exquisite form with massive petals.

X Hadley—(H. T.)—Deep rich velvety crimson. Large double flowers on long stiff stems. Very fragrant and a prolific bloomer.

Francis Scott Key—(H. T.)—Red, shading to cerise, very double, and a free bloomer.



Gruss an Tepitz.

X Gruss an Tepitz—(H. C.)—This is a wonderful Rose, of a dazzling fiery crimson. It is a very free grower, and unlimited flowering qualities. Should be in every collection.

H. E. Richardson—(H. T.)—This is another good velvety crimson Rose, free flowering and fragrant.

X Irish Fireflame—(H. T.)—This Rose is of an old-gold, which has the appearance of being overlaid with a ruddy crimson flame, giving a distinct impression of a flame of fire. The flowers are large, but single and deliciously perfumed. Always in bloom.

X Red Radiance—(H. T.)—This is a sport from the Pink Radiance, of which it is an exact counterpart, except in color, which is of a clear bright red.

Edward Mawley—(H. T.)—Velvety crimson, deep and rich. Huge faultless petals arranged into perfect blooms. Richly fragrant and very free flowering, bearing every flower rigidly erect.

Mrs. Sarah Yates—(H. T.)—A fine crimson Rose and free blooming.

Tea and Hybrid Tea Roses (Pink)

X Ophelia—(H. T.)—A recent introduction, and one that has taken Rose lovers by storm. In color it is a brilliant salmon-flesh pink, with the heart of the flower a glowing peach pink, the whole showing orange yellow shadings. Very floriferous, a vigorous grower, and bears its blooms erect on long stiff stems. Very fragrant.

La France—(H. T.)—Although introduced in 1867 this wonderful Rose still preserves its popularity. Of a silvery Rose, with pink shades, and satin-like petals of wonderful beauty and unequalled fragrance. A continuous summer bloomer.



Radiance.

X Radiance—(H. T.)—A hardy, vigorous grower. flowers of a brilliant rosy carmine, when open shaded with opaline pink. Very fragrant and a continuous bloomer.

We cannot recommend this Rose too highly. Its wonderful success in this section has created a demand unequalled by any other Rose, and we have endeavored to grow enough to supply our customers with this wonderful pink rose in hardy large sizes. Our specimen plants of this cannot be equaled. See page 33 for prices.

X Duchess of Normandy—(H. T.)—This is a perfect Rose of salmon-flesh color appearing to be overlaid with yellow. A very exquisite and pleasing shade.

Pink Killarney—(H. T.)—The Irish Beauty Rose. Sparkling pink with large beautifully formed buds of exceeding beauty.

X Madam Abel Chatney—(H. T.)—A good grower and a perpetual bloomer; large and perfect in both bud and bloom; deep recurved petals of rose-pink, with just a tinge of salmon.

X Maman Cochet—(T.)—A rich rosy-pink; shaded with silvery rose on outer petals; a most exquisite Rose both in form, color and fragrance. Flowers borne on good stiff stems; beautiful foliage. A queen among pink Tea Roses.

Bon Silene—(T.)—This Rose has been a favorite since 1835, and is today gaining a new lease of popularity. Color a rose shaded with crimson; beautiful buds with long petals. One of the hardest of the Tea Roses.

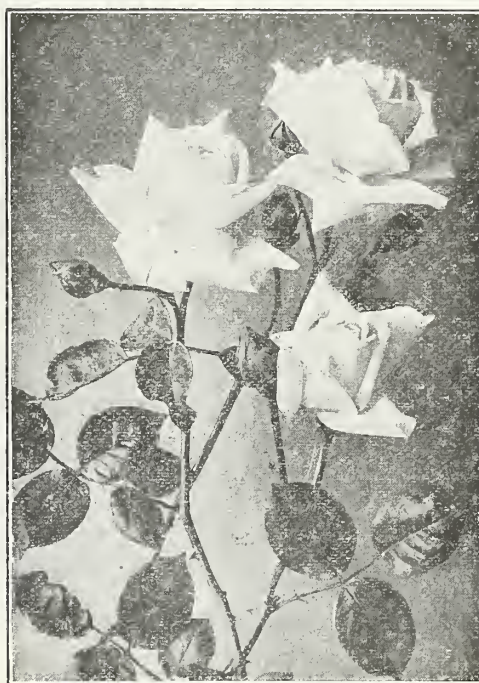
X Hermosa—(B.)—This is another old favorite, introduced in 1840, but still retains its popularity. While it is of the Bourbon type, it is of a free blooming nature, with finely formed flowers of a soft deep pink.

Mrs. Chas. Russell—(H. T.)—This Rose is a magnificent pink, one of late introduction, and which jumped at once into well deserved popularity. Long strong stems and very large flowers.

Johnkeer L. Mock—(H. T.)—Clear pink, on strong erect stiff stems. A beautiful Rose.

September Morn—(H. T.)—Light pink, a most attractive Rose.

Tea and Hybrid Tea Roses (White)



Kaiserin Augusta Victoria—(White.)

X Kaiserin Augusta Victoria—(H. T.)—One of the best white Roses ever introduced. A most sturdy grower with large perfectly formed and fragrant flowers, it combines all the attributes that go to make a perfect Rose. Very profuse.

Bride—(T.)—Pure white, with well formed buds of great substance. An old favorite, of free growth and splendid blooming qualities.

X Clothilde Soupert—(H. Pol.)—Known in many sections as the Cemetery Rose, as it will bloom and thrive with so little care. It is a cluster bloomer, white, shading to a light pink, and very profuse, a dwarf grower, and very fragrant. Makes an ideal pot Rose for the house in winter or summer.

X White Killarney—(H. T.)—A perfect counterpart to Pink Killarney from which this is a sport. Like its parent, it has proven a valuable Rose in this section, as they will stand our winters with ordinary protection and produce a wonderful wealth of bloom.

Do not overlook our collections of Roses on Page 32. The values offered in these are leaders for Montana. We strongly urge the greater planting of Roses in this section. No plants for the garden will better repay the cost and care bestowed on them.

Tea and Hybrid Tea Roses (Yellow)



Mrs. Aaron Ward.

X Mrs. Aaron Ward—(H. T.)—This is another Rose of comparatively late introduction, but it has achieved a wonderful popularity. The flowers which are produced in great profusion, are of an Indian yellow shading to a lemon at the edge of the petals; very full and deep, showing as it unfolds a deep golden heart.



Sunburst.

X Sunburst—(H. T.)—A splendid Rose of vigorous habit and one of the largest of the H. T. type. The color is an orange-copper or golden orange, very intense giving a most brilliant effect. A giant of its class, of perfect form, good keeping qualities when cut, it has proven an estimable garden Rose for this section.

Sunrise—(T.)—A brilliant Rose, of scarlet and yellow.

Perle Des Jardins—(T.)—A clear golden yellow Rose, very rich and of great depth. Very full, a most profuse bloomer, and very fragrant. A tender Rose.

FOR PRICES ON ROSES—See Page 33.



Frau Karl Druschki.

Hardy Hybrid Perpetual
Roses

For Prices See Page 33.

X Frau Karl Druschki—(H. P.)—Commonly known as the White American Beauty, or Snow Queen. A most vigorous grower producing large, long buds and magnificent white blooms. Very hardy, and deservedly popular.

X Anna de Diesbach—(H. P.)—(Glory of Paris.)—A very free blooming form of this type of Rose, and a vigorous grower. Color a shell-pink, long, pointed buds, very double and large compact blooms, very fragrant.

Black Prince—(H. P.)—Color an intensely dark crimson; flowers very large and double. A strong grower and free bloomer.

Baron de Bonstetten—(H. P.)—A superb Rose, of a velvety deep crimson color. Very double, large and fragrant, and of strong growth.

Captain Christy—(H. P.)—A delicate flesh pink, shading to a deeper color at the center of a large, very double and handsomely formed flower. Strong grower and very free.

X Clio—(H. P.)—Color flesh-pink, shaded in center with rosy-pink; large globular flowers freely produced and fragrant. A vigorous grower.

General Jacqueminot—(H. P.)—Better known as General "Jack," a justly celebrated Rose, with its shapely buds and handsome flowers of rich brilliant velvety crimson, and delicious fragrance. The "Jack" Rose is beloved by all for its all round good qualities.

X General Washington—(H. P.)—Large double scarlet flowers. A fragrant Rose, free grower and profuse bloomer.

X Jubilee—(H. P.)—A hardy and almost everblooming Rose flowers extremely large, very double, of a glowing velvety crimson, shaded at the base with a touch of maroon-red. Hardy, a vigorous grower and wonderfully fragrant.

X Madam Plantier—(H. P.)—A very hardy Rose of vigorous growth, with large white blooms.

X Mrs. John Laing—(H. P.)—A beauty—in clear, bright, shining pink; every bud with its deeply serrated calyx and close growing foliage becomes an elegant Boutonniere. The open blooms are immense, very full, and borne on long, stiff stems.



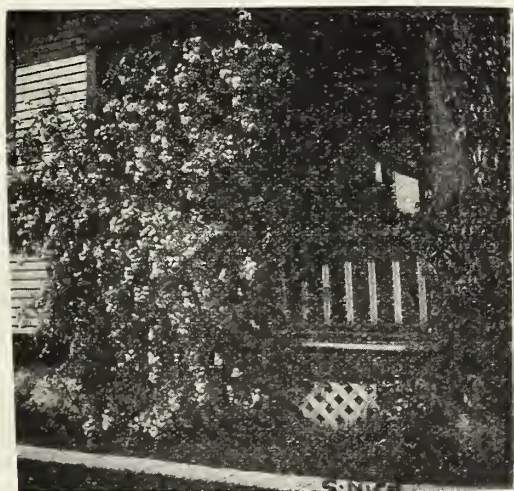
Paul Neyron.

X Paul Neyron—(H. P.)—This is the largest of all Roses, with its flowers of clear bright shining pink, and deliciously perfumed. It is also a most prolific bloomer, and of strong and vigorous growth. Almost thornless, and very hardy.

X Ulrich Brunner—(H. P.)—This is a seedling from Paul Neyron with brilliant cherry-red flowers of globular form and immense size. This variety has proven as desirable for garden growing as its parent, and is in great demand in all sections of the country.

For Prices See Page 33.

Climbing Roses



Baltimore Belle.

X Baltimore Belle—(S.)—Flowers of a pale blush or pink, passing to white, very double, and borne in clusters in great profusion, making a mass of bloom. Very hardy and one of the best climbers for Montana.

Climbing American Beauty—(H. T. W.)—This comparatively new climbing Rose has proven exceedingly popular in many parts of the country. It is a seedling from the well known American Beauty, with a mixture of Tea and Wichuriana blood, and is similar to its parent in size of bloom, color and fragrance. It is almost a continuous bloomer, a vigorous climber, and has proved to be very hardy.

Marechal Neil—(N.)—This climbing Rose is very tender, and requires good protection outdoors in winter. Given this protection, or grown indoors, and it will well repay for the trouble expended upon it. It produces large exquisitely shaped deep yellow flowers, of wonderful fragrance. This Rose will amply repay as a pot plant, trained to a trellis, and carried indoors on the first approach of frost.

X Crimson Rambler—(C. P.)—This Rose is extremely hardy of vigorous growth. It flowers in clusters, forming a mass of vivid crimson beauty.

X Flower of Fairfield—(C. P.)—Another of the same type as the preceding variety, but producing bright crimson flowers in clusters with a white center in each bloom. It is a perpetual summer bloomer and very hardy.



Dorothy Perkins.

X Dorothy Perkins—(H. W.)—Flowers borne in great profusion in clusters, of a beautiful shade of shell-pink; hold their beauty for a long time; fading to a deep rose, and very fragrant. A splend'd climber, of vigorous growth and hardy nature.

X White Dorothy Perkins—(H. W.)—This is a sport from the preceding variety, of which it is a duplicate in every way with the exception of its beautiful clusters of flowers, which are white.

X Prairie Queen—(S.)—Introduced in 1843 this is still a standard favorite. It bears rich rosy-red compact, globular flowers in great profusion, is very hardy, and a strong grower.

X Lady Gay—(H. W.)—Buds of a deep pink, changing to cherry-red, the open flower finally changing to a creamy white. The blooms are produced in large trusses, and form a mass of beauty from the ground to the top of the vine. It is a perfectly hardy climber.

Baby Ramblers

These Roses all are splendid plants for growing in pots for home decoration. Give them all the sun possible in the summer with good soil and drainage. They rarely grow over 20 inches in height, are continuously in bloom and as a class are very hardy.

X Crimson Baby Rambler—(P.) (Madam Norbert Levasseur.)—A dwarf form of the Crimson Rambler, with the same ruby-red clusters of bloom. Always in flower through the entire summer, and if potted before frost will continue through the winter in the house.

X White Baby Rambler—(P.) (Catherine Zeimet.)—Pure snow-white blooms in profuse clusters, forming a sheet of white when used for bedding purposes. Everblooming and an ideal Rose for pot culture.

X Pink Baby Rambler—(P.) (Phyllis.)—A bright carmine-pink of very bushy habit producing beautiful panicles of bloom the whole summer. Unequaled as a decorative pot plant at any season.

X Mlle. Cecile Brunner—(P.)—Often called the Fairy, or Sweetheart Rose. Produces graceful sprays of perfectly formed small flowers, very double, of a soft rosy-pink, on a rich creamy-white background. A splendid variety for cut flowers.

George Elger—(P.)—Also known as the yellow Mlle. Cecile Brunner. The color of the bloom is a dainty copy golden-yellow, opening to a clear deep yellow; borne in large corymbs. A very erect habit of growth, with dark green foliage.

AUSTRIAN, OR BRIAR ROSES.

Harrison Yellow—(A.)—A fine hardy Rose of double free flowering proclivities. The Austrian or Briar Rose type as a rule do not require much pruning, only to remove the dead and superfluous wood. They are extremely hardy. Each 75c

Persian Yellow—(A.)—A large and very fine single Rose, deep golden yellow, very hardy and very floriferous. Each 75c



Harrison Yellow.

RUGOSA ROSES.

Hansa—(R.)—This is one of the most desirable of the type with double reddish-violet flowers, produced in profusion during the entire summer. They are followed by brilliant red seed pods making the plants as attractive in the fall and winter as in the summer. This type is not only valuable as a single specimen, but is even more so when planted for the purpose of a strong and wonderfully decorative hedge, for which purpose it cannot be recommended too highly. This type also requires but little attention in the way of pruning, and is extremely hardy. We confidently predict for this Rose an enormous sale for ornamental hedges in this section. For hedges plant about two feet apart. It is no exaggeration to say that this Rose will make a hedge that is absolutely impenetrable, even to a rabbit.

Each, 75c; per dozen.....\$6.00

State Nursery and Seed Co.'s Peerless Rose Collections.

These collections have been selected by our Rose expert after years of trial in this section, and will be found to contain only varieties the most worthy of cultivation. The amateur as well as the professional can not fail to succeed with the "PEERLESS" sets of Roses.

Collections sold only in the varieties named.

For description see General List.

Peerless Rose Collection No. 1

S. N. & S. CO.'S 1917 QUARTET.

Four of the BEST, NEWEST Roses known.

1 Ophelia	1 Mrs. Aaron Ward
1 Hoosier Beauty	1 American Beauty

The set of four 75c and \$1.50 post-paid.

Peerless Rose Collection No. 2

S. N. & S. CO.'S 1917 Dozen
Ever-blooming Monthly Roses.

1 Sunburst	1 White Killarney
1 Pink Killarney	1 Radiance (Pink)
1 Grus an Teplitz	1 Radiance (Red)
1 American Beauty	1 Bride
1 La France	1 Mrs. Aaron Ward
1 R. R. Richardson	
1 Kaiserin A Victoria	

One each of the above twelve superb Roses, large size from 4-inch pots for \$3.00. By express only. If wanted by parcel post add 50c for postage and packing.

Peerless Rose Collection No. 3

S. N. & S. CO.'S 1917 Hardy Hybrid
Perpetual Dozen. An unequaled offer.

1 Baron de Bonstettin	1 Mrs. Jno. Laing
1 Capt. Christy	1 Paul Neyron
1 Genl. Jacqueminot	1 Jubilee
1 Genl. Washington	1 Frau Karl Drusehki
1 Anna des Desbach	1 Mad. Plantier
1 Cilo	1 Ulrich Brunner

The Hardy H. P. dozen, one each of the above named varieties—large plants from 4-inch pots, for \$3.00. By express only. If wanted by parcel post add 50c for postage and packing.

PRICES ON ROSES



From a Photograph of Our 3-inch Pot Roses.

If you want more Roses—you must plant more Roses.

OUR SMALLEST SIZE.

Planted early, with ordinary care, these will bloom the first season.

From 3-inch pots (see adjoining cut).

Each, 20c; postpaid.....25c

From 3-inch pots, per doz., \$2.50; postpaid, \$3.00

A LARGER SIZE—FROM 4-INCH POTS.

A Favorite Size.

From 4-inch pots, each 35c; postpaid.....40c

From 4-inch pots, per doz., \$3.50; postpaid....\$4.00

A SPECIAL FIFTY CENT SIZE.

These are select, specially grown plants, and cannot fail to give satisfaction to Rose lovers.

Each, 50c; postpaid.....55c

Per doz., \$5.00; postpaid.....\$5.50

LARGE AND SPECIMEN ROSE PLANTS.

In the foregoing list of Roses the varieties which are prefixed with X can be supplied in a ONE DOLLAR SIZE. These are magnificent plants, and will produce excellent results.

When SELECT SPECIMEN ROSES are desired, especially where the choice is left to us, we can usually supply SPLENDID SPECIMEN PLANTS at from \$1.50 to \$2.00 each. These larger plants can not be too highly recommended.

READ WHAT OUR CUSTOMERS SAY

Montana State Agricultural College, Bozeman, Mont. -
Extension Service. F. S. Cooley, Director.
State Nursery & Seed Co., Helena, Mont.

Gentlemen: The Roses came and look very fine. Mrs. Cooley is immensely pleased with the Aaron Ward and pink Roses which were added to the order, and thanks you heartily for them.

Yours truly,

F. S. COOLEY.

Findon, Mont.

State Nursery & Seed Co., Helena, Mont.

Dear Sirs: I have just received the beautiful plants. I am perfectly delighted with them. I have never seen plants so well packed.

Very truly,

MRS. M. C. JOHNSON.

Glendive, Mont.

State Nursery & Seed Co., Helena, Mont.

Dear Sirs: I received the Roses and am delighted with them. They arrived in good condition. I also wish to thank you for the complimentary Rose. I set them out at once and they are doing fine. I shall always boost for the STATE NURSERY Co. Thanking you, I am,

Yours sincerely,

MRS. N. BUTTELMAN.

Opportunity, Wash.

State Nursery & Seed Co., Helena, Mont.

Gentlemen: I want to thank you for your promptness in filling my order, also want to congratulate you on the quality of your stock, and your packing. It all reached me in fine condition, and I am highly pleased with everything.

Sincerely,

C. B. WEAVER.

Dayton, Wyo.

State Nursery & Seed Co., Helena, Mont.

Gentlemen: We received the plants which we ordered, which were very fine. Also the seeds we ordered. Thanks.

MRS. FRANK J. WILLIAMS.

Litchfield, Mich.

State Nursery & Seed Co., Helena, Mont.

Gentlemen: I wish to thank you for quick delivery and fine condition of Roses when received. I am certainly looking forward to much pleasure from them, for myself and friends. New shoots are already appearing, and I hope they are going to like their Michigan home.

Respectfully,

IRENE M. AYARS.

Toston, Mont.

State Nursery & Seed Co., Helena, Mont.

Gentlemen: The plants were received in good condition. Thanks for the complimentary.

MRS. ROSE LEPPERT.

The Care of Roses

SITUATION.

Best results can be obtained by planting Roses where they receive the full benefit of the sun, and sheltered from the north winds. Under no conditions should they be planted where they are liable to come into contact with the roots of large trees and shrubs.

SOIL.

The best soil for Roses is sod from an old pasture, adding some well rotted cow manure.

PLANTING—PREPARATION OF THE BED.

The bed should be prepared a short while before planting, so as to let the soil settle. The depth of the bed depends on the size of the plant, usually about one foot. Fill this with the soil and manure, being careful to provide for proper drainage. On receiving the plants, if in a dormant state, the tips of the roots should be cut off about half an inch or more.

If the plants are from pots, they should be set so that the ball of earth is about one inch below the level of the ground, and the soil around them made very firm.

Great care should be taken to see that the roots are evenly distributed, as upon this detail quantity and quality of blooms will depend. A thorough soaking of water should then be given.

WINTER PROTECTION.

Almost all the roses (the Hardy Yellow varieties are some of the exceptions), should be protected during winter. For this purpose we use long, clean straw, bending the rose bushes to the ground and covering the straw over them to a thickness of about six inches.

Another good plan is to use a heavy sheaf of straw tied close at the top, and the rose bush tied in the center of the sheaf. This is a good method in places where water or melted snow is apt to drain to the plants. With this method it is also beneficial to draw the earth to the stem of the plant before covering with the straw.

PRUNING.

Immediately the first killing frost cuts back the young growth in the fall, prune back the frozen wood into well ripened wood. This is important, and will often insure the life of tender Roses in severe winters. As soon as the plants show the first sign of activity in the spring, then give them the principal pruning of the year, beginning with the H. P. class. Climbing Roses need very little pruning, except to remove dead and superfluous wood, and to make long canes conform to some desired effect.

INSECT PESTS.

A weekly application of some insecticide will well repay you in the ultimate growth and health of your Roses. It is almost impossible to name any stated mixture. We refer you to our list of Insecticides.

An Aid to Rose Lovers

The appended classification with the abbreviations used in the general list will be of value to the lover of Roses, an aid to an intelligent selection of varieties best suited to any particular location; a reliable guide to the hardiness of varieties offered, and the corresponding amount of protection required.

Hybrid-Perpetual—H. P. A strong growing hardy type. Produce larger blooms than any other class.

Hybrid Tea—H. T. A cross between the H. P. and T. types, combining the hardiness of the H. P. with the free blooming quality of the T. Rose. Require in most cases more protection than the H. P. type. This is the class known as the Monthly or Everblooming Roses.

Tea—T. The well known Tea Roses, with Tea fragrance, everblooming and of tender nature.

Climbing Tea—C. T. Climbers of the same class as the Tea Roses.

Climbing Polyantha—C. P. Known as the Ramblers. Hardy and flowering in clusters.

Polyantha—P. A hardy low growing type flowering in clusters.

Hybrid Polyantha—H. Pol. A medium hardy type, flowering in clusters.

Hybrid China—H. C. Very free blooming and a tender type.

Noisette—N. A tender type of Rose, flowering in single blooms of good size. As a class are generally climbers.

Hybrid Wichuriana—H. W. Hardy climbers, flowering in clusters.

Climbing Hybrid Tea Wichuriana—C. H. T. W. A hardy type of climbers; flowering with single blooms of good size.

Setigera—S. Known as Prairie Roses. Very hardy and always of the climbing or trailing habit.

Bourbon—B. A hardy free flowering type.

Austrian—A. Austrian or Yellow Brier Roses; very hardy.

Rugosa or Ramanus—R. A very hardy type of Rose, extremely valuable for hedges and specimen plants.

HARDY PERENNIALS

THE STATE NURSERY AND SEED CO. are the largest growers of these plants in the Northwest. Our collection is today one of the largest and best in the entire country, and we are continually adding to the list. With no other class of plant is it possible to have as continuous a display of bloom and beauty with as little effort, from the early spring to frosts of fall, as with Hardy Perennials. A bed or border of these plants, properly selected and arranged, will produce a wealth of bloom almost from snow to snow. In the climate of Montana, there is no question but that they are the best class of plants for those who desire a profusion of bloom for the garden, with the least expenditure of time and effort. Give them any ordinary good soil, enriched with well decomposed fertilizer, an occasional watering through the summer. As soon as the first killing frosts have killed the growth, remove the dead tops and if convenient cover the bed with a mulch of dry leaves, or straw, though this is not absolutely necessary. A good mulch of well rotted fertilizer in the early spring, and spaded lightly into the border will also aid in giving them the necessary stimulus to bring out their best efforts for your pleasure.

PRICES ON ALL HARDY PERENNIALS EXCEPT WHERE NOTED:

Each, 15c; postpaid.....20c
Per doz., \$1.50; postpaid.....\$1.75

ACANTHUS MOLLIS—(Bears Breech.)

A handsome stately foliage and decorative plant, often producing leaves two feet long and one foot wide, with deep serrated edges. The blooms are rosy red of peculiar formation, and very effective. 3 feet.

ACHILLEA. (Yarrow)

Perry's White—A late introduction, with the largest flowers of the genus. Very free flowering and very hardy. 2 feet.

The Pearl—A well known form of this flower, with handsome double flowers, blooming very early, and with good keeping qualities when cut. 2 feet.



A Bed of Achillea.

AGROSTEMMA (Rose Campion.)

A. Coronaria — An erect growing plant, with silvery foliage, bearing crimson phlox-like flowers. July. Two to three feet.

ALYSSUM SAXATILE—(Gold Tuft.)

One of the most useful plants either for rockery or border. Produces large flat heads of yellow flowers in May and June. One foot.

ANCHUSA ITALICA.

Dropmore Variety—Very free flowering plants of a branching habit, with flowers of a gentian blue, and very attractive. Almost continuous bloomer in this section after June. Three feet.

AQUILEGIA—(Columbine.)

One of the most satisfactory of hardy perennial plants, producing beautiful spurred flowers on stiff stems. Should be given a sunny position, but succeeds in almost any soil or location.



Aquilegia.

Canadensis (Common American Columbine)—The native bright red and yellow variety.

Chrysanth (Golden Columbine)—Bright yellow, long spurred flowers.

Coerula (Rocky Mountain Columbine)—Bright blue and white, long spurred flowers.

Helena—A new hybrid with large blue flowers and expanded pure white corolla.

Nivea Grandiflora—Fine pure white.

Veitch's Long Spurred Hybrids—Mixed colors.

ARABIS ALPINA—(Rock Cress.)

A very early flowering carpet-like plant valuable both for the rockery and edging. It forms a dense carpet, and literally covered with white flowers.



Auricula.

AURICULA—(Alpine.)

This is one of the most beautiful types of the Primrose family and should find a place in every garden. They are of a wide range of rich velvety colors, very floriferous, last a long time in bloom with bright glossy green foliage.

BLEEDING HEART—(See Dielytra, Page 38.)**BOLTONIA—(False Chamomile.)**

Among the most showy of our hardy perennial plants, with large single flowers resembling a single Aster, and borne in great profusion. Three to four feet.

B. Asteroides—Pure white.

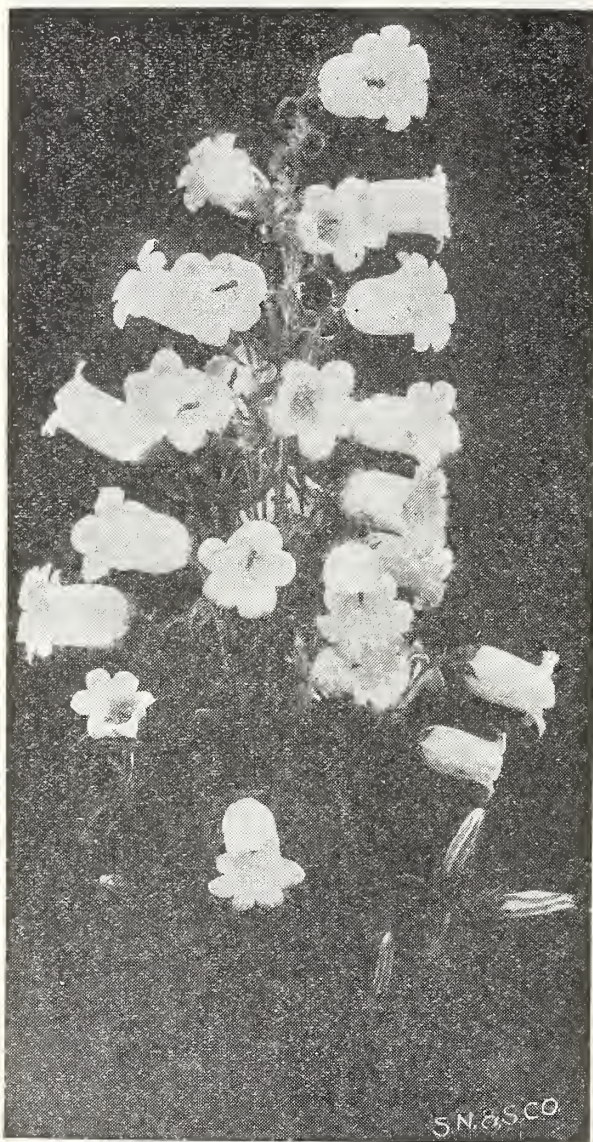
B. Latisquama—Pink tinged lavender.

BITTER ROOT—(Montana State Flower.)

(See *Lewisia*, Page 40.)

BOCCONIA—(Plume Poppy.)

B. Japonica—One of the noblest of our hardy perennials. It is beautiful both of leaf and bloom, flowering in tall, feathery panicles, creamy white in color, in July and August. It will succeed in any situation and can be effectively used in the center of beds as well as in the general border. Six feet.



Campanula Media—(Canterbury Bells.)

CAMPANULA.

Do best in a good rich soil and planted in a half shady place. They are indispensable as border plants. The taller varieties should be staked and all the flowers cut immediately upon fading.

Media—Single in colors of dark blue, white, light blue and rose.

Calycanthema (Cup and Saucer Canterbury Bells)—They differ from most of the varieties in that the calyx is the same color as the flower, giving it the appearance of the cup and saucer. We offer them in the following shades: Delicate rosy pink, clear-blue, dark blue and pure white.

Pyramidalis (The Chimney Bell Flower)—Blue salver-shaped flowers.

CANDYTUFT, HARDY—(See *Iberis*, Page 39.)

A Bed of *Cerastium*.

Cerastium Tomentosum—(Snow in Summer.)—A very desirable plant for covering as with a white carpet dry, sunny places. Low growing with white foliage and flowers. Very fine for planting on graves.

COLUMBINE—(See *Aquilegia*, Page 35.)**COREOPSIS.**

Lanceolata Grandiflora—A popular plant everywhere. It bears golden yellow blooms in great profusion, valuable for cut flowers, and lasting well into fall. Two feet.

CENTAUREA—(Montana.)

Of easy culture, producing a wealth of deep blue flowers from July to September. Excellent for cutting.

COWSLIP—(See *Primula Veris*, Page 43.)

Kindly note that where not listed as Postpaid, goods are shipped by Express, collect. We do this because plants not listed as prepaid we do not consider safe to ship by Parcel Post.

For Prices of Perennials Not Quoted see Page 35.

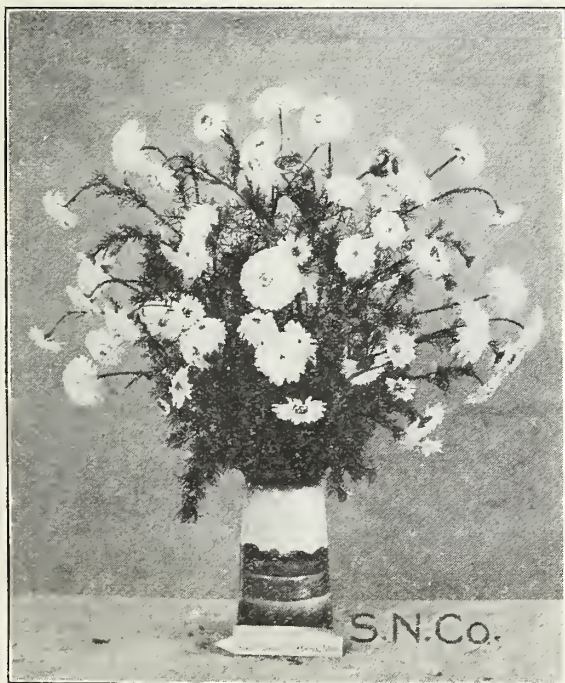


CHRYSANTHEMUM MAXIMUM.

Their profusion of bloom when the rest of the garden is destroyed by frost keeps them well to the front as a favorite.

Chrysanthemum Maximum—The old variety daisy and does exceptionally well in Montana.

Maximum King Edward VII.—A splendid daisy of late introduction—beautiful for cut blooms, two to two and a half feet high.



Chrysanthemum Inodorum (Bridal Robe.)

Chrysanthemum Inodorum (Bridal Robe)—Makes a bushy plant about 2 feet high, with feathery foliage and pure white intensely double flowers.

Maximum, The Speaker—Another fine variety—the cut blooms last a long time.

Shasta Daisy—"Alaska"—(Burbank's Improved.) Something new in Shastas, and very fine.

Shasta Daisy—"Market Favorite"—This comparatively new type of the Shasta Daisy has leaped into popular favor, especially when grown for cut flowers. In this field it has no equal.

DELPHINIUM—(Larkspur.)

Note the color plate on the front cover of this catalog, from an actual photograph. These magnificent flowers are easily one of the very finest Hardy Perennials for the Northwest. The long graceful spikes of bloom are very valuable for cutting, and many of them harmonize wonderfully with other cut flowers.



Delphinium—(Larkspur.)

A splendid perennial plant with its wonderful shades of blue. They are easily grown, but only well rotted fertilizer must be used to get the best results. Bonemeal worked into the soil around the roots is very beneficial. By cutting off the flower stalks as soon as the blooms mature and begin to fade a second and often a third crop of blooms will be secured.

Bella Donna—Torquoise blue.

Duke of Connaught—A beautiful Oxford blue, bold white eyes.

Formosum—The old standard blue.

King of Delphiniums—Massive spikes 6 feet high, semi-double, color gentian blue.

Lizzie—Azure blue, yellowish eye.

Queen Wilhelmina—Very large, soft lavender; one of the best.

Geneva—Soft blue with white eye.

Masterpiece—Gentian blue with white eye.

Victoria—A large flowered sky-blue.

Each, 25c; postpaid.....30c
Dozen, \$2.50; postpaid.....\$3.00

**DIANTHUS BARBATUS—(Sweet William.)**

One of the most popular of outdoor bedding plants, throwing strong stems of brilliantly colored blossoms. During the period of their blooming the foliage is completely hidden by masses of attractive blossoms.

Latifolious Atracoccineus—(Everblooming Hybrid Sweet William.) A beautiful summer bedding variety, producing masses of brilliant, fiery crimson flowers throughout the entire season.

Holborn Glory—This is a large flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams.

The Standard varieties are old time favorites in colors of Scarlet, Crimson, Violet, Red, White, Pink.

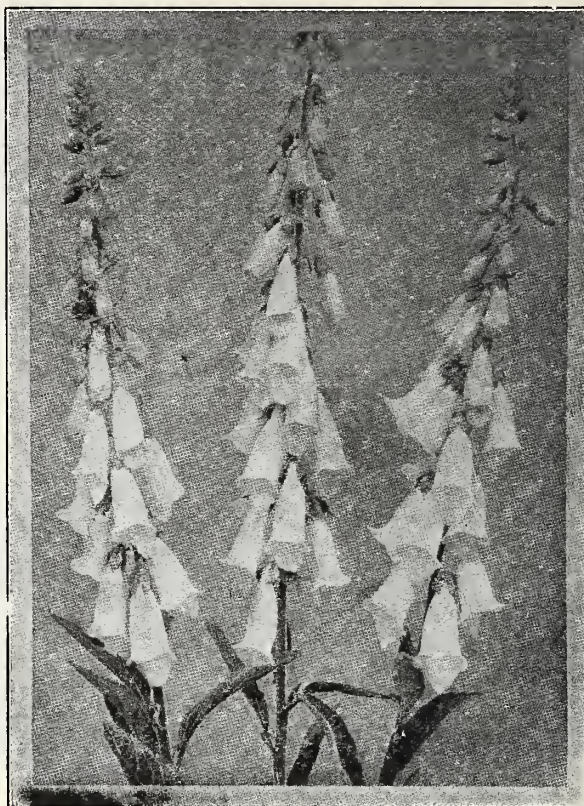
DORONICUM EXCELSIUM—(Leopard's Bane.)

Splendid for cut flowers, having a good long stem, and will last a long time in water; will thrive almost anywhere. Pretty orange yellow. Very early.

**DIELYTRA—(Bleeding Heart.)**

Spectabilis (Bleeding Heart)—A very old favorite and increasingly planted. Can be planted in almost any part of the garden and stands out prominently. Especially serviceable for planting in the shade.

Each, 15c and 25c; postpaid.....20c and 40c

**DIGITALIS—(Foxglove.)**

While in bloom these dignified and stately stalks, with their luxuriant foliage, seem to dominate the whole garden.

Gloxinaeflora—A beautiful strain of finely-spotted varieties in colors of beautiful white, purple, rose and lilac.

Grandiflora—Showy flowers of pale yellow, veined brown, spotted varieties.

**GAILLARDIA—(Blanket Flower.)**

One of the most beautiful of perennial plants and the most popular for cutting. The center of the blossom is a dark red-brown with beautiful markings of brilliant crimson, orange and vermillion, and occasionally a combination of all in the one flower.

Gaillardia Grandiflora—A refined and attractive flower of a beautiful yellow and orange color; sometimes marked with a maroon shade.

For Prices of Hardy Perennials Not Quoted, see Page 35.

FUNKIA—(Day Lily.)**(Hosta Plantaginea.)**

This is a handsome variegated leaved form of the well-known Day Lily. The leaves are strongly marked and veined with creamy white, on the background of deep glossy green. The flowers are the same as in the ordinary White Day Lily.

F. Aurea—Each. 25c; postpaid, 30c.

**GYPSOPHILIA—(Baby's Breath.)**

The Gypsophilas with their attractively arranged masses of minute flowers should be in every garden. If cut and dried will retain its beauty for months, providing decorative material of the very best.

Paniculata—The popular old-time Gypsophilia, much admired for its feathery appearance.

GEUM.

Beautiful hardy perennial bearing profusely large showy flowers all through the summer; an elegant flower for bouquets. Fifteen inches.

Mrs. Bradshaw—Produces large, brilliant scarlet flowers. Blossoms during the greater part of the summer and fall.

Atrosanguineum—Dark Crimson.

HELENUM—(Sneeze Wort.)

H. Autumnale Superbum—One of the ideal hardy perennials for the border, bearing numberless small yellow flowers on a sturdy bush-like plant. 5 feet.

Riverton Beauty—Striking colored blooms, lemon yellow and purplish black.

Riverton Gem—Old Gold, changing to wallflower red.

HELIOPSIS—(Orange Sunflower.)

A valuable addition to the hardy border, for cut flower purposes, blooming earlier than the sunflowers, and rarely exceeding three feet.

H. Pitcheriana—Flowers about two inches in diameter, double, of a deep golden yellow. Continues in bloom the entire summer. A splendid cut flower.

HEUCHERA—(Alum Root—Coral Bells.)

Most desirable dwarf, compact bushy plants of robust constitution and easy culture, growing 1½ to 2 feet high and bearing during July and August loose, graceful spikes of flowers in the greatest profusion; excellent subjects either for the border or rockery, and of great value for cutting.

H. Sanguinea—Bright Coral red, very fine.



Hollyhocks.

HOLLYHOCKS

Our careful and scientific selection has resulted in the production of an unequaled strain of this magnificent plant in the best shades of color known, with colossal spikes of bloom, lasting and blooming until frost puts a check on their wonderful vitality and growth. Used as individuals well back in the hardy border, or dotted here and there amongst a bed of hardy shrubs, which they brighten with their brilliant spikes of gorgeous color after the shrubs are through flowering for the season, or as a hedge at the rear of a bed of hardy perennials, they cannot be surpassed. The strain we offer must be seen to be appreciated, with flowers whose petals seem as if made of the finest China silk. Give them a well fertilized soil with well rotted manure, deeply spaded, sufficient drainage, a plentiful supply of water in the growing season, and success is assured in any location. Their enormous sale last season bespeaks their popularity.

DOUBLE WHITE**DOUBLE DEEP ROSE****DOUBLE CRIMSON****DOUBLE MAROON****DOUBLE PINK****DOUBLE BLOOD RED****DOUBLE SALMON****DOUBLE YELLOW**

Each, 25c; (Postpaid)30c

Dozen, \$2.50; (Postpaid)\$3.00

IBERIS (Hardy Candytuft)

A most desirable hardy dwarf evergreen plant, flowering very early in the spring, and literally covering the foliage with dense heads of bloom. Ten inches.

Iberis Sempervirens—Pure white, innumerable flat heads of bloom.



IRIS—(Germanica.)

IRIS (Germanica)

We are the most extensive growers of Iris in the Northwest, and our collection embraces the finest varieties of the type known. Extremely valuable as cut flowers, the only rivals of the Orchids in beauty and wealth of delicate coloring, the varieties we offer would hardly be recognized as the scientifically developed descendants of the old time "yellow and purple flag." They are of easy culture and will succeed anywhere. "S" indicates the "Standards" or upper petals, and "F" the "Falls" or lower petals.

Benacensis (S)—Deep violet. **(F)**—Deep purple.

Canary Bird (S)—Yellow. **(F)**—White veined lilac.

Darius (S)—Rich canary. **(F)**—Lilac, margined with white.

Emma (S)—Blue tinged lilac. **(F)**—White slightly flushed lilac.

Florentina Alba—Early Ivory White. Sweet scented.

Hamlet (S)—Dark yellowish brown. **(F)**—Veined deep purple.

Jennie Lind (S)—Yellow. **(F)**—Burnt amber.

Kochi (S & F)—Deep rich purple.

Kamuonesis (S)—Deep violet. **(F)**—Reddish violet.

Kharput (S)—Lavender. **(F)**—Veined white.

IRIS—(Continued.)

Mrs. Horace Darwin (S)—White. **(F)**—White reticulated violet.

Lilaciana—Pale lavender, splashed with violet.

Paillida Odoratissima—Large flowered, lavender blue.

Pallida (S)—Beautiful shade of pale lavender blue. **(F)**—Rosy lavender.

Pallida Dadmatica (S)—Lavender. **(F)**—Veined deep violet.

Plicata Chlorus (S)—Violet and white. **(F)**—White veined violet.

Queen of May—Soft rosy lilac. Very satisfactory.

Madam Cheriau—White edged with blue.

Van Oldenbornessold (S & F)—Rich deep lavender.

Whitmanana (S & F)—White, very slightly tinged lilac.

Each	15c
Each (Postpaid)	20c
Larger clumps, each	50c
Larger clumps, each (Postpaid)	60c

S. N. & S. Co.'s "Peerless" Collection of Iris No. 1—This collection of 12 varieties are the finest of their particular type and color. Includes the following: Queen of May, Liliciana, Kochi, Pallida, Plicata Chorus, Benacensis, Emma, Whitmanana Hamlet, Jennie Lind, Kharput, Odoratissima.

S. N. & S. Co.'s "Peerless" Collection of Iris No. 2—The same in quality as No. 1, includes Darius, Horace Darwin, Florentina Alba, Mme. Cheriau, Benacensis, Ferer Morrell, Kharput, Van Oldenbornessold, Canary Bird, Pallida Dadmatica, Emma.

Either collection (Postpaid)	\$1.75
Two collections	\$3.00

LARKSPUR—(See Delphinium, Page 37.)

LATHYRUS—(Hardy Everlasting Pea.)

One of the most hardy climbers, a true herbaceous perennial. They are very attractive both in foliage and bloom, producing clusters of large pea like flowers the whole summer, and very valuable as cut flowers.

L. Latifolius—A bright rosy red.

L. Albus—Pure white.

LAVENDULA—(Lavender.)

Who does not know the delicious fragrance of Lavender—rarely equaled and never surpassed by the best perfumes. Grows about 18 inches high, and bears a wealth of blue flowers in summer.

L. Vera—The true sweet lavender of our grandmothers' day, and wonderfully fragrant.

LEWISIA REDIVIVA—(Bitter Root.)

The Montana State Flower.

*For Prices on Perennials
not quoted see page 35.*

HARDY LILIES.



Hemerocallis Fulva.

HEMEROCALLIS.

The Hemerocallis—or as they are often called, Day Lilies—are perfectly hardy, and one of the most easily grown and showy perennials.

Hemerocallis Fulva—(Tawney Day Lily)—This variety grows from 4 to 5 feet high, bearing profusely trumpet shaped flowers of a neutral orange color, with darker shadings. Blooms in June and July.
Each, 25c. 50c; postpaid.....35c; 60c



Lily of the Valley.

LILY OF THE VALLEY—(Convallaria Majalis.)

Do not put this beautiful flower in some corner and leave it to literally starve. Give it a liberal mulch of well rotted fertilizer as early in the spring as possible, and note the wonderful beauty with which it will repay you for the attention.

Lily of the Valley—Roots (or pips) of this great favorite.
Each5c; doz., 50c
Each (Postpaid)10c; doz., 60c
Clumps, each (Postpaid).....50c

Tiger Lily—Very large flowers, orange and black.
Each, 15c; (Postpaid).....20c
Dozen, \$1.50; (Postpaid).....\$1.75



Madonna Lily.

Candidum (Madonna Lily)—Large white flowers, fragrant.
Bulbs, each20c; doz., \$1.50
Bulbs, each (Postpaid).....25c; doz., \$1.65

LOBELLA CARDINALS.

An addition to our list of border plants. They thrive in almost any garden soil but prefer a moist deep loam. Rich, fiery cardinal flowers in spikes from 12 to 24 inches.



LYCHNIS CHALCEDONICA—(Ragged Robin.)

A most desirable plant with brilliant scarlet flowers in June and July. A splendid cut flower.

**FOR PRICES OF HARDY PERENNIALS
NOT QUOTED, SEE PAGE 35.**

LYTHRUM—(Rose Loose Strife.)

Roseum—3 feet high, heavy, large spikes of rosy flowers.
Virgatum—Grows two to three feet high erect stems and bright, rosy purple flowers.



Pentstemon.

PENTSTEMON.

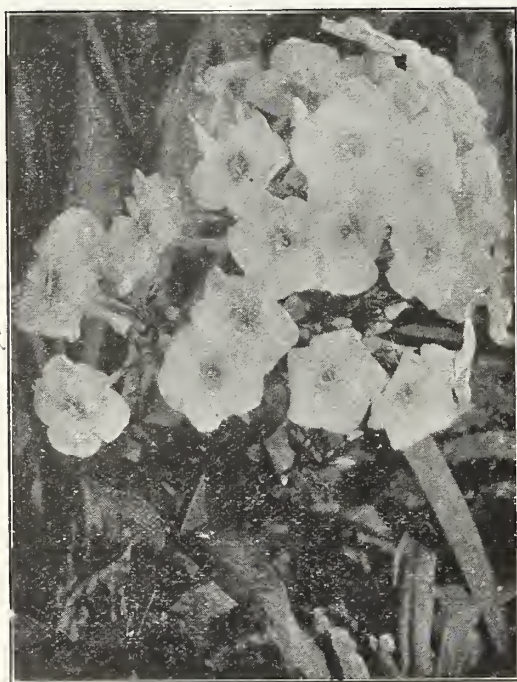
A most useful and showy perennial, either for mass planting, the rockery or border work. In some respects they rival Phlox, Petunias, etc., especially for bedding purposes.
Barbatus Torreyi—Scarlet spikes, height 3 feet.

Digitalis—Purple and white.

PHYSOSTEGIA

(Virginia Heather)

One of the most beautiful of the Hardy Perennials forming dense bushes four to five feet high with long spikes of tubular pink flowers like a gigantic Heather, and very valuable for cut flowers.



Hardy Phlox.

PHLOX—(Hardy.)

This is another hardy perennial in which we are specializing, and no better collection can be found in the entire Northwest than those offered. They will succeed in almost any soil and location, yet no class of hardy plants will better repay a little attention. Give them well spaded and enriched soil, with a good mulching of fertilizer in the early spring, frequent waterings in the growing season, and they will produce enormous heads of brilliant bloom. Treated in this manner, and they will be one of the chief attractions of any hardy border.

PHLOX—(Continued.)

F. G. Von Lassburg—The purest and largest white known.
Geo. A. Strohlein—Bright scarlet with crimson red eye.

Louis Blanc—Reddish-violet with purple shadings and darker eye. One of the best dark varieties.

Edmund Rostand—Reddish violet, shading brighter toward the center of petals.

Siebold—Bright scarlet and one of the very best of its class.

Vesuvius—Red with bright purple eye. Quite showy.

Von Hochberg—The finest crimson.

Elizabeth Campbell—Very bright salmon pink with dark red eye.

Bridesmaid—Pure white with large crimson carmine eye.

Pantheon—Bright carmine rose.

R. P. Struthers—Bright rosy carmine, with claret red eye.

De Miribel—White suffused with rosy scarlet; crimson eye.

Hyon—Reddish pink.

Bouquet de Fleurs—White, with a cherry eye.

Miss Lingard—A grand early dwarf white variety.

Drago—Light red with dark eye.

Elegantissima—A large flowered early white.

Verdi—A beautiful rosy-pink.

PLATYCODON.

Sometimes known as the Japanese Bell Flowers, very closely allied to the Campanulas. They are a hardy genus producing large cup-shaped blooms of delicate beauty, in great profusion, on erect slender stems, growing to a height of about two feet. Give them rich, light soil, sufficient water in the growing season, and they bloom from early summer until frost.

P. Grandiflorum—Deep blue flowers, deeply cupped and star pointed.

P. Album—Pure white flowers with the same habit as Grandiflorum.



Platycodon.



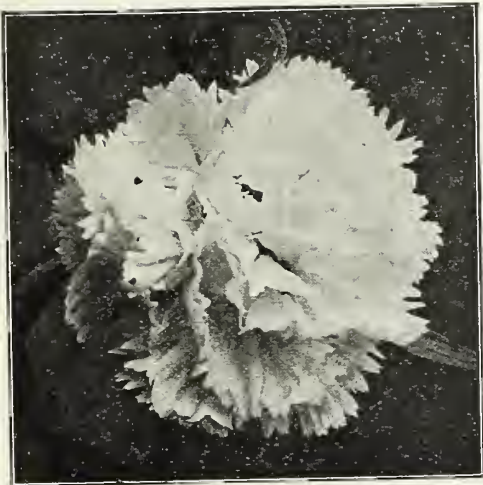
A Cluster of Pyrethrum in Our Nursery.

PYRETHRUM.

Too much cannot be said about this superb perennial, which will thrive under almost any conditions. Splendid for cutting, lasting a week in good condition.

Hybridum, Mixed (Single)—In the choicest shades of red and pink. June flowering.

Uliginosum—Grows 4 to 5 feet high, covered with large Marguerite-like flowers. The individual flowers are often 4 to 5 inches across and borne on a good stiff stem.



PINKS—(Hardy.)

These are the old time Spice or Clove Pinks, and are indispensable for edging the hardy border, and also make beautiful independent beds. Their fragrance is delightful, are a most excellent cut flower, and will grow and succeed anywhere.

Homer—Rosy red with dark center.

Her Majesty—Large pure white flowers. Very fine.

Juliette—White laced crimson.

Stanislaus—Rose with crimson ring.

Swan—An everblooming white.



Oriental Poppy.

POPPIES.

ORIENTAL POPPY.

The perennial Poppies with their rich and brilliant colors make a dazzling effect during the summer months, and whether planted singly or in masses their large flowers and freedom of bloom render them conspicuous in any position. They are of the easiest culture, almost any kind of soil suits them, but they do best in a deep rich loam. Give them water occasionally during dry weather and they will increase in size and floriferousness for several years.

Oriental King—Large size, rich crimson.

Princess Victoria Louise—Salmon pink.

Salmon Queen—A beautiful shade of salmon yellow.

Goliath—A large flowered bright scarlet of strong growth.



Iceland Poppies.

Iceland Poppies—These plants give a profusion of cup-shaped flowers throughout the entire season and are very useful for cutting. Colors white, yellow and orange.

PRIMULA—(Hardy Primroses.)

The hardy Primroses are invaluable as low growing plants on the front of the hardy border. With the Auricula, also one of the Primroses, they are coming into another term of well-deserved popularity.

P. Eleatior—The well known Gold-laced Polyanthus. One of the earliest spring flowering plants, with large heads of bloom that are best expressed by the term—Gold Laced.

Primula Veris—The English Cowslip. Who does not know the Cowslip, with its head of deliciously fragrant flowers one of the earliest to welcome the advent of spring.

RUDBECKIA.

Golden Glow—This never seems to lose its popularity—it is very showy and easily managed. Four to five feet.

Purpurea—Flowers about 4 inches across, of a peculiar reddish purple with a large brown cone shaped center.

Each15c, 25c and 50c

Each, either variety (Postpaid).....20c, 30c, 65c

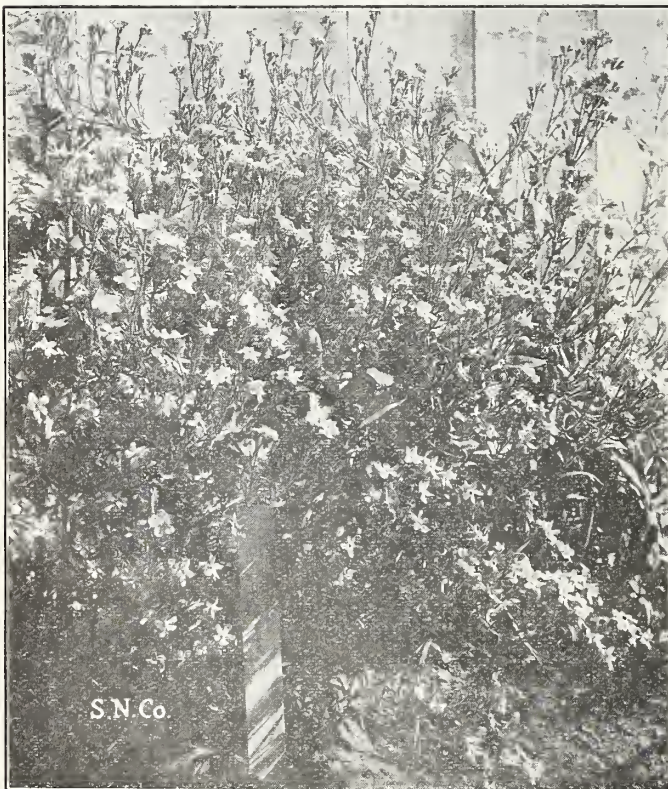
For Prices of Perennials Not Quoted see Page 35.

**Rudbeckia (Golden Glow.)****SAPONARIA.**

S. Caucasia—A splendid hardy plant, producing white rose-tinted flowers all summer and fall. 15 inches.

SCABIOSA JAPONICA.

One of the handsomest of the hardy perennials, bearing on long, wiry stems beautiful artistic lavender blue flowers. A fine cut flower. 18 to 24 inches.

**STATICE—(Great Sea Lavender.)****STATICE—(Continued.)**

S. Latifolia—A noble plant for hardy border. Produces clumps of leather-like leaves, with heads of bloom which frequently measure 24 inches across, covered with small blue flowers and lasting until frost. The flower sprays when cut and allowed to dry will keep in almost their fresh cut appearance for months.

SHASTA DAISY—See *Chrysanthemum Maximum*, Page 37.

SPIREA—(Asilbe.)

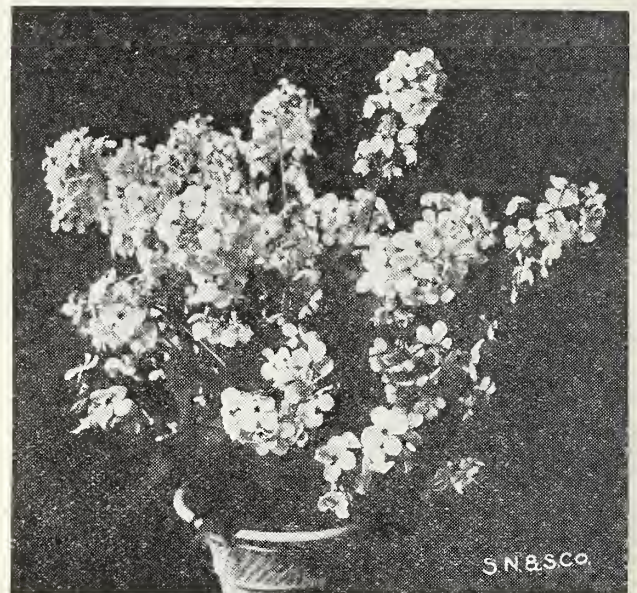
This plant while very hardy, is perhaps grown in greater quantities than any other for Easter, with the exception of the Easter Lily. Its beautiful white feathery plumes of bloom stand well above the foliage, which is also very ornamental. It will grow in almost any location, but prefers a loose sandy rich soil, and requires plenty of water in the growing season. A few plants of this are indispensable in laying out a hardy border in this section and are of the easiest cultivation.

S. Gladstone—White plumes borne in great profusion. Early flowering. 18 inches.
Blooming Plants—at Easter, \$1.00.
Dormant Roots—each, 50c.

STOKESIA CYANEA—(Cornflower Aster.)

Lavender-blue Cornflower-like blossoms borne on long, stiff stems. Does well in sunny position and is adapted for both border or massing.

SWEET WILLIAM—(See *Dianthus*, Page 38.)

**SWEET ROCKET—(Hesperis.)**

Strong growing perennials, forming bushy plants 3 to 4 feet high. Well known, and very valuable for cut flowers. Will succeed in almost any position.

White—Large flowered.
Purple—Large flowered.

THALICTRUM—(Meadow Rue.)

Exceedingly graceful and handsome flowered plants, and great favorites for the hardy border everywhere.

T. Adiantifolium—One of the most handsome of the species, with finely cut foliage resembling the Maiden Hair Fern, and profusely bearing small white flowers. Two feet.

T. Dipterocarpum—A distinct and rare species, flowers a beautiful shade of rosy purple, with finely cut foliage. A very strong grower—3 to 4 feet.

TROLLIUS—(Globe Flower.)

Handsome free flowering plants, producing most profusely from May to September, giant buttercup-like blooms of a yellow and orange color on stems from 1 to 2 feet high. They prefer a half-shady position and a light soil.

Each, 35c; postpaid.....50c

VALERIANA OFFICINALIS—(Hardy Garden Heliotrope.)

A fine hardy plant, with very showy heads of rosy white flowers, produced in great numbers on stems about three feet high, heliotrope scented. A constant bloomer until frost.

VERONICA SPICATA.

This well known "Speedwell" is one of the best of the genus, bearing long spikes of blue flowers from July until the early frosts. One to two feet.

VINCA (or Periwinkle.)

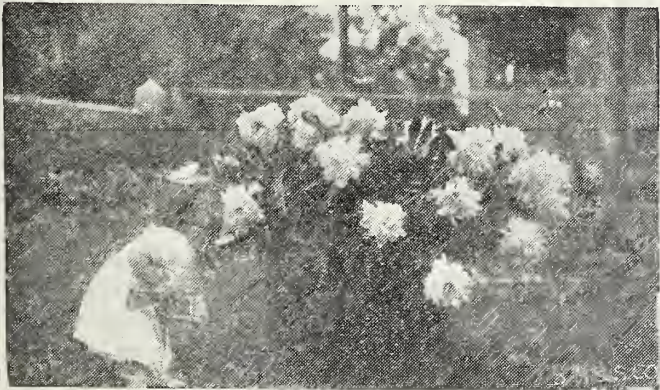
Minor—Also known as Trailing Myrtle. This pretty evergreen is extensively used for covering graves, producing in the spring an abundance of blue flowers.

Each25c and 50c
Each (Postpaid)35c and 65c

V. Minor Argentea Variegata—This new introduction is of the same habit as V. Minor, equally as hardy, but has beautifully silver edged foliage. A most valuable acquisition.

Small plants 15c each.....\$1.50 per doz.
Postpaid, 20c each.....\$1.65 per doz.
Large plants, 50c each.....postpaid 65c
Large plants, \$5.00 per dozen by express.

PEONIES



These old-time favorites are more than ever claiming the front rank of popularity. The new varieties introduced in recent years with their great variety of exquisite colors and such perfect flowers possess a striking individuality, and planted singly or in groups produce a gorgeous effect. Their only requirements are a good rich soil and a sunny position, which however, is not absolutely necessary as they thrive almost equally well in a partly shaded position. A liberal supply of water during the growing season being sufficient to give an abundance and wealth of flowers, producing a gorgeous effect not equalled by any other flower.

PEONIES—(Continued.)

PEONIA OFFICINALIS.

This is the old-fashioned Peony and comes into bloom from ten days to two weeks ahead of the other sorts. All are strong growers, with full fragrant flowers.

***Officinalis Rosea**—Double rose.
***Officinalis Rubra**—Double blood red.
***Officinalis Mutabilis**—Pink changing to white.

NEWER VARIETIES.

***Achille**—Rosy red orange center.
***Baron Rothschild**—Deep rose, mid-season. Long stem.
***Edulus Superbus**—Dark rose with light rose center.
***Eugene Verdier**—Pink, very full flower.
***Felix Grousse**—Brilliant red.
***Ne Plus Ultra**—Dark rose, very large.
***Queen Victoria**—Creamy white, early.
***Humei**—Deep rose, large fragrant flower.
***Rosea Magna**—Dark pink, lilac center.
***Thorbecki**—Delicate rose.
***Comata**—Very dark red.
***Festiva Maxima**—Creamy white with carmine center.
***Lady Bramwell**—Silvery rose.

Each50c, 75c, \$1.00
Each (Postpaid)60c, 90c, \$1.25

Those marked with * can be supplied in larger size at \$2.00 each, by express only.

State Nursery and Seed Co.'s

"Peerless" Collections

Hardy Perennials

We have a steadily increasing demand for these collections, and have received many flattering testimonials as to their value. They include only varieties that have proven hardy under the most trying conditions in this section, and will give a succession of bloom during the entire summer. For a detailed description of the varieties named see the classified list, pages 35 to 45.

"PEERLESS" COLLECTION NO. 1 HARDY PERENNIALS.

One Each of the Following:
Anchusa, Aquilegia, Delphinium, Gailardia Hardy Phlox, Gypsophila, Oriental Poppy, Physotegia, Helio-opsis, Sweet Rocket, Geum, Shasta Daisy, Lythrum Roseum.

Collection\$1.50
Postpaid\$1.75

"PEERLESS" COLLECTION NO. 2 HARDY PERENNIALS.

One Each of the Following:
Achillea, Bleeding Heart, Coreopsis Lanceolata, Chrysanthemum Maximum, Sweet William, Delphinium, Lychnis Chalcedonica, Iceland Poppy, Agrostemma, Hardy Phlox, Anchusa, Hollyhock, Pyrethrum.

Collection\$1.50
Postpaid\$1.75

"PEERLESS" COLLECTION NO. 3 HARDY PERENNIALS.

One Each of the Following:
Aquilegia, Shasta Daisy, Gaillardia Campanula, Lychnis, Saponaria, Oriental Poppy, Physotegia.

Collection\$1.00
Postpaid\$1.25

COLLECTIONS NOS. 1 & 2, by express collect, for only \$2.50.

COLLECTIONS NOS. 1, 2 & 3, by express collect, for only \$3.50.

COLLECTIONS NOS. 1 & 3, OR NOS. 2 & 3, YOUR CHOICE, by express collect, for only \$2.25.

Ornamental Plants for Porches, Terraces and Lawns

These plants are greatly used in all sections of the country for the decoration of lawns, terraces and porches. No home with a good expanse of lawn or terrace or with large porch stoops, appears to the best advantage without some finish of this character, and the plants we offer, grown in tubs, cannot be surpassed for this purpose. They require the protection of a good shed and a covering of straw for the winter. They are oftentimes when not too large, used for interior hall decoration for the winter months. Do not allow them to suffer for water in the summer.

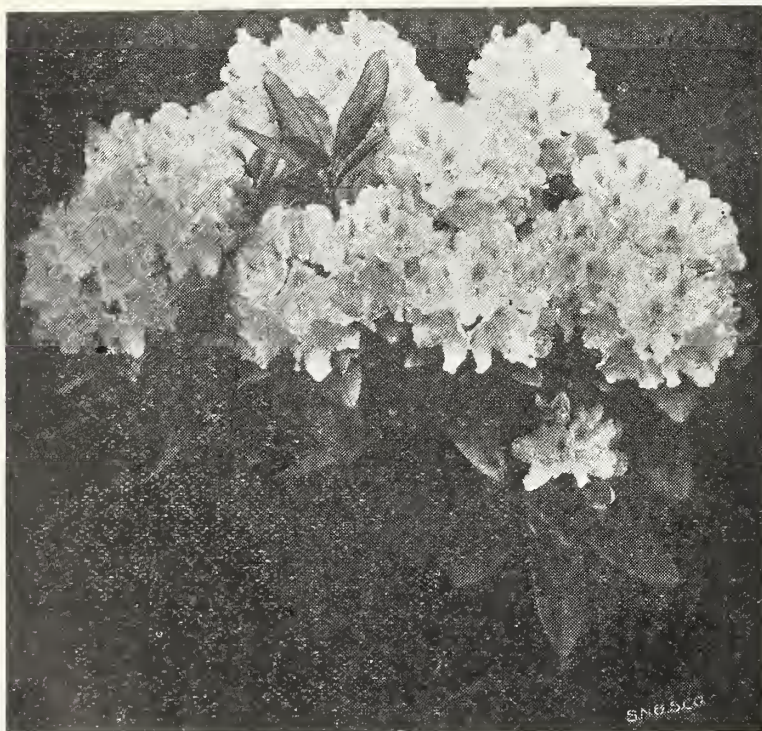
AUCUBA JAPONICA.

This plant is a half hardy evergreen, and should be far better known in this section. For years it has been used in the older sections of the country, and is now becoming a dependable plant for general decoration. Very useful for porch and house decoration.

A. *Viridis*—A green leaved variety, large, glossy deep green foliage, bushy habit and producing very freely large green berries, turning to bright red in winter.

A. *Variegata*—A duplicate of the preceding variety, but with foliage spotted with creamy white. A handsome plant for any season.

Each, either variety, 24 to 30 inches high, in pots, \$3.00, by express only.



Rhododendrons.

RHODODENDRONS.

A grand genus—with huge heads of bloom in the most wonderful colorings. Their foliage is also as attractive as any evergreen known. Once grown, no lover of decorative plants will be without these magnificent adornments to the home.

Colors: Light pink, deep pink, red.

Each, large plant in tubs.....\$2.50

KOSTER'S BLUE SPRUCE.

(*Picea Pungens Kosteriana.*)

This wonderfully decorative plant is quite hardy when planted out in the lawn to grow into a specimen decorative plant. When grown in a tub for decorative work on the porch, and for the house in winter, it is simply beautiful, and when too large, it can be transplanted to the lawn for permanent ornamentation. The foliage is a bright silvery blue, of bushy habit.

Each, 3 feet, Balled and Burlapped for shipment, \$8.00; per pair, \$15.00.

Each, 4 feet, Balled and Burlapped for shipment, \$10.00. Express only.

Hardy Shrubs

Both evergreen and deciduous shrubs are an indispensable part of a well balanced garden. The varieties we list have been proven hardy in this climate, and we are constantly adding to the list, as fast as we determine the hardiness of desirable varieties. Those listed as half-hardy can be grown in this climate successfully with a protection of straw during the winter, the treatment required being the same as described for the winter protection of Roses, on page 34. Not only are hardy shrubs desirable as borders, but very many of them make beautiful specimen plants for the decoration of any lawn, and they are unusually attractive for cemetery planting. A thorough spading of the soil with the addition of well rotted stable manure before planting, and an occasional light cultivation of the surface to keep down weeds, water if in a dry location during the growing season, and a mulch of manure or a light top dressing of bone meal in the fall, are all the requirements that are needed to secure good results. For pruning, very little is required. Shrubs that bloom early in the season should be trimmed immediately after the blooming period is over. Shrubs that bloom late in the season, or fall, should be pruned early in the spring. All that is needed is to keep them trimmed to a symmetrical form, to remove all dead wood, and enough of the surplus wood to insure a good circulation of air and sunshine to all parts of the plant and border. We can usually supply large specimen plants of the varieties listed at a reasonable price. Write for special prices on your requirements in large or specimen plants.

BERBERIS (Barberry.)

Thunbergii or *Japanese*—This grows in the form of a dense bush bearing yellow flowers, followed by scarlet berries. In Autumn the foliage assumes a gorgeous coloring of gold and scarlet. In quantity, the variety forms an impenetrable hedge and is exceptionally valuable for this purpose.

Common—The well known variety with yellow flowers and red berries. The latter are largely used for jelly.

Each, either variety.....50c and \$1.00
Postpaid60c and \$1.15

**Barberry.****CORNUS—(Dogwood.)**

Our Native Dogwood is a very ornamental shrub and in rows it is an effective windbreak. White flowers followed by white berries.

Each, 50c; postpaid.....60c

DEUTZIA GRACILLIS.

A handsome dwarf growing shrub, which actually covers itself with a mass of pure white blooms, borne in racemes, opening before the foliage has time to develop. One of the earliest shrubs to flower. Half-hardy, and requires protection in winter.

Each75c

ELDERBERRY—(See Sambucus, Page 50.)**FLOWERING CRAB.**

Medium sized tree, perfectly hardy, producing an abundance of delicate pink blossoms of great fragrance.

Each, 75c; postpaid.....90c

FORSYTHA INTERMEDIA.

Golden Bells—A well known and justly favorite hardy shrub covering itself early in the spring with yellow blossoms. Each 3 to 4 feet, \$1.00.

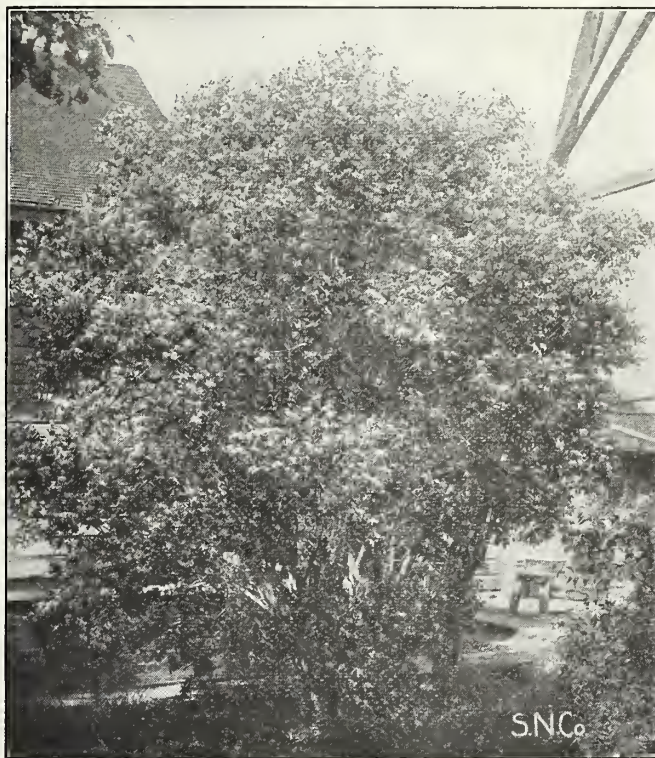
GENISTA ANDREANA.

A handsome variety of the Scotch Broom, bearing very early in the spring beautiful pea-shaped and fragrant yellow flowers in great profusion. Half-hardy, requiring winter protection.

Each\$1.00

Are you desirous of a fine lawn?

Use Rocky Mountain Lawn Grass Seed. It is without an equal for the Northwest.

HONEYSUCKLE (Bush)**Russian Honeysuckle.**

Russian, Bush or Tartarian—One of the best shrubs. Many people think it is a vine, but it is a distinct shrub as much as a Lilac is. If you have not seen this, we strongly recommend it to you. For planting against a wall or anything to be hidden it is unsurpassed. For hedges it is also of great service. During the Spring months it is entirely covered with white and pink blossoms. It rivals the Lilac in beauty and excels it in hardiness.

Each.....25c, 50c and \$1.00

Large specimens.....\$2.00

(FOR CLIMBING HONEYSUCKLES See Page 51.)

HYDRANGEA

(SEE ALSO PLANT DEPARTMENT, Page 19.)

Hydrangeas are undoubtedly one of the best known and most popular flowering shrubs grown. The flowers which come in thick masses, have a peculiarity all their own.

Hydrangea Arborescens—This is a hardy shrub, but needs a covering of straw in winter.

Paniculata Grandiflora—A profuse bloomer, and very popular. The flowers are borne in pyramidal panicles which when they first open are white, but make a gradual and interesting change to a rose color.

Each, either variety.....50c

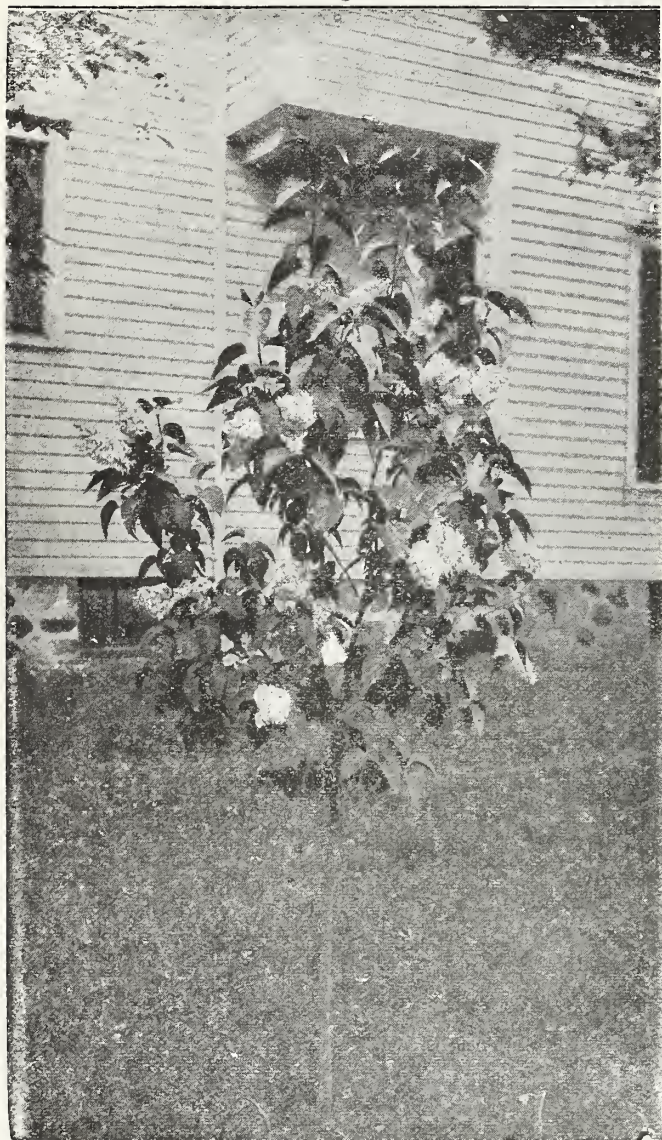
Postpaid65c

LILACS

These shrubs have been planted for generations, but are as great a favorite today as ever. Our stock of Lilacs is complete and without rival in the northwest. The shrubs never looked better and the prices, compared with the quality and size of the bushes, are unequalled. Our selection includes all the standard varieties and the most recent introductions. The strong and hardy Lilacs sent out by us cannot be beaten. Our Lilacs are Montana grown and adapted to the northwest climate, especially the Purple, White and Persian varieties of the Bush types.

LILACS—(Continued.)

The Tree Lilac is one of the many improvements that have been made on the "old purple" and has permanently set the Lilac in the front rank as an ornamental shrub. The Tree Lilac was introduced in Montana by us nine years ago and has proven a decided success.

**Tree Lilac.****TREE LILACS.****Double Varieties.**

Alphonse Lavalce—Blue, shading to violet, large panicles.
Dr. Troyanowsky—Mauve; enormous panicles.
Leon Simon—Bluish crimson; compact blooms.
Madame Lemoine—Superb double white.
Michael Buchner—Dwarf; pale lilac; very double.

Single Varieties.

Charles X.—Purplish red.
Colmariensis—Large pale blue flowers, fine foliage.
Japonica—A late creamy white variety.
Lilarosa—Silvery pink; a favorite.
Souvenir de Ludwig Spaeth—Dark purplish red; large flowers.
Vivian-Morels—Light bluish lilac white center; good all round variety.
William Robinson—Violet mauve; popular.
 Each.....\$1.00; the fourteen, \$12.00

**A Hedge of Lilacs.****BUSH LILACS.**

Purple—One of the most popular and extensively planted.
White—Flowers are a fragrant, beautiful white.
 Each, either variety.....50c, 75c and \$1.00
Madame Lemoine—Magnificent panicles of large double white blooms. (In tree form also.)
 Each.....75c and \$1.00

**Purple Lilac.**

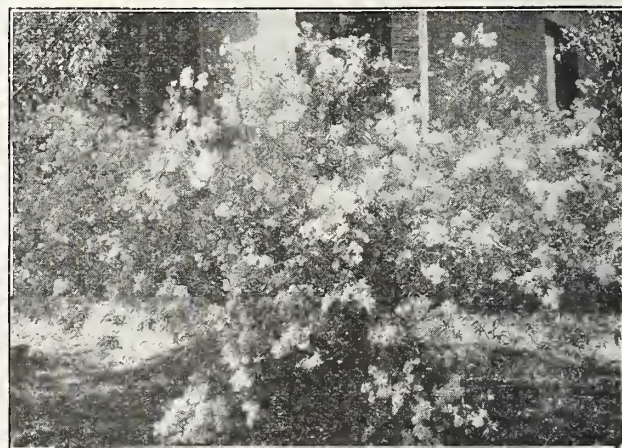
Persian—This is quite distinct, with small foliage, graceful growth. Color the true lilac shade.

Each, 50c, \$1.00, \$2.00

Lilac Rooted Cuttings—

We receive many inquiries for young plants suitable for the planting of hedges of these favorites, and are now prepared to offer well rooted cuttings of the Purple and White varieties for this purpose. These are the varieties that have proven the most hardy and adaptable for this use in this climate.

Per 100.....\$10.00

**Philadelphus.****PHILADELPHUS.**

Philadelphus—(Syringa or Moek Orange.) A beautiful and well known flowering shrub; a native and therefore quite hardy; very rich fragrance.

Each25c and 50c
 Postpaid35c and 65c

OLEASTER—RUSSIAN OLIVE.**(Elaeagnus Augustifolia.)**

This is a new introduction to this section, and a decided acquisition to our hardy shrubs. The foliage is of a deep green on the upper side, and silvery white underneath, narrow and about three inches long. The flowers are yellow, very fragrant, and borne in great profusion in June. Its bushy habit will make it a favorite for hedge and screen purposes, as well as for ornamental specimen planting. Each, 3 feet.....50c

RIBES—(Flowering Currant.)

A most desirable ornamental shrub. They are easily grown and vigorous, with the most beautiful foliage and racemes of beautiful pink blossoms. Is a native of Montana. Each, 25c; postpaid.....35c

SAMBUCUS—(Elderberry.)

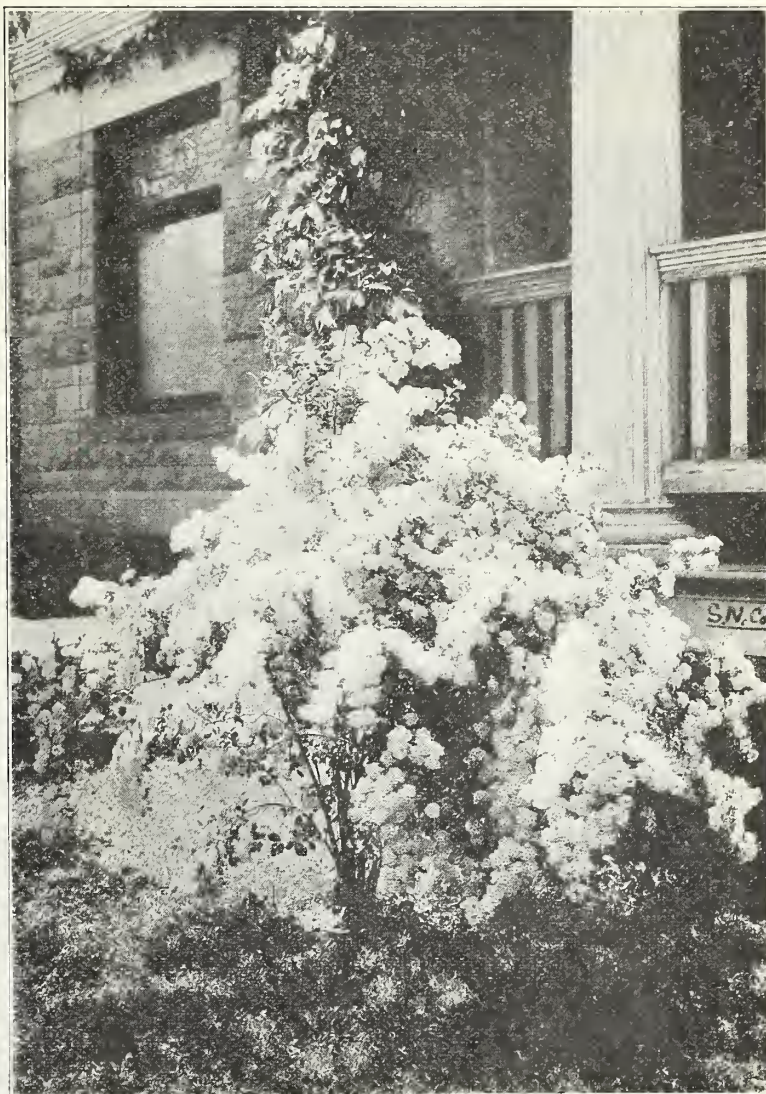
Very useful for a screen or windbreak.
Each, 50c; postpaid.....70c

SIBERIAN PEA—(Caragana.)

Notwithstanding recent introductions to this and similar shrubs, this favorite holds its own. It bears yellow, pea-like blossoms during May and June. Each, 50c; postpaid.....70c

SNOWBERRY.

One of its most valuable features is the succession of pure white berries immediately after the blooming is finished. Each, 25c and 50c; postpaid.....35c and 60c



Spirea (Van Houttii.)

SPIREAS

Van Houttii (Bridal Wreath)—The grandest of all the White Spireas; it is of compact habit and a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, almost completely covering the foliage.

Each25c and 50c

Postpaid35c and 70c

Bamalda—A dwarf variety, about a foot high; blooms from June till October in clusters of rosy pink flowers.

Each25c and 50c

Postpaid35c and 70c

Sorbifolia (Ash Leaved Spirea)—Beautiful foliage and white flowers.

Each25c and 50c

Postpaid35c and 70c

S. Prunifolia—Another favorite variety. It produces long spikes of double white blooms very freely, in May and June.

Each25c and 50c

Postpaid35c and 70c



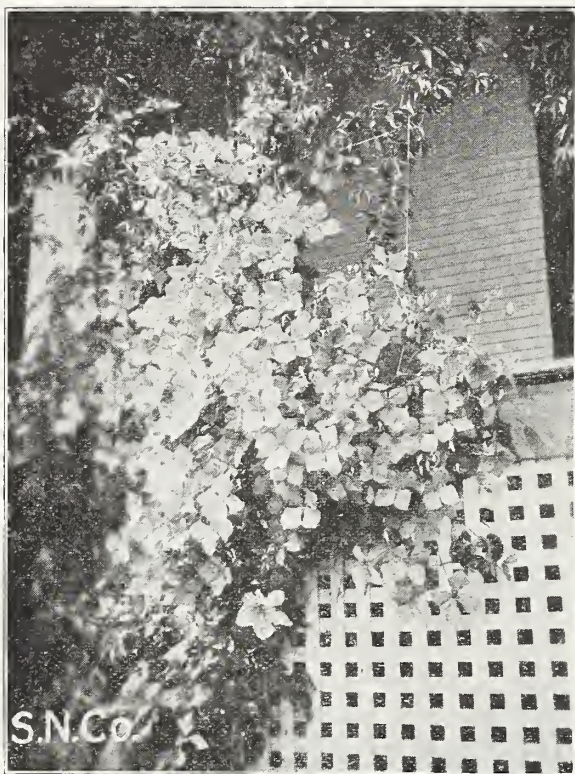
Snowball.

SNOWBALL—(Viburnum.)

Always a favorite, with its large globular, pure white flowers. Stands out conspicuously in any landscape work. Each, 3 feet 75c; 4 feet, \$1.00; postpaid, 60c and \$1.25

Carlesii—A new introduction from Korea, producing delicately spice-scented flowers in June. The unopened buds are a beautiful pink opening to handsome white umbels of pure white resembling a huge Bouvardia, and lasting for weeks. A wonderful plant for the lawn or cemetery. Each\$1.50

Hardy Vines and Climbers



Clematis Jackmanii in Helena.

CLEMATIS

One of the most popular of all trailing vines, used for covering house fronts or drooping over retaining walls. When in bloom the dense sheets of blossoms, with their most pleasing fragrance, give a beauty indescribable. Their variety of size, coupled with a wealth of bloom, puts them in a unique position.

Native—We have propagated this beautiful vine in great quantity, believing that when it is better known it will be grown wherever a vine is needed. It ranks with the Virginia Creeper in worth and bears magnificent foliage and masses of sweet scented flowers.

Each good strong roots...50c; postpaid, 60c

Paniculata—White; grows anywhere with rapidity and profuse blooming; flowers very fragrant.

Each, full grown...50c; postpaid, 60c

Henryii—Large pure white flowers, which are freely produced during summer and early fall.

Jackmanii—This is the popular rich purple variety with large flowers very hardy and free flowering.

Madame Edouard Andre—Red, very attractive.

Each, pot grown plants.....\$1.00

Each, field grown plants.....50c

Each, field grown plants (Postpaid).....60c

HONEYSUCKLES

The Honeysuckles have always been treasured and we have both the climbing and the less well-known bush varieties. (See page 49.)

Halleana—(Monthly.) The old-time sort of climbing habit with white and yellow flowers of delicious scent.

Coccinea—The red climbing variety.

Each, either variety.....50c and 75c

Postpaid65c and 90c

CHINESE MATRIMONY VINE.

This is a medium sized creeper or trailer, with foliage of a light grayish green. For about four months these masses of foliage variegated from colors of pink to purple. In the fall its branches are covered with bright fruits.

Each, 50c; postpaid.....60c

HOP ROOTS

For quickness in covering residences, fences, arbors, etc., the Hop Root leads. The peculiar shade of its foliage, extreme hardness and quick growth makes it a very desirable vine.

Each20c; doz., \$2.00

Each (Postpaid)25c; doz., \$2.25



Virginia Creeper Growing in Our Nursery.

VIRGINIA CREEPER

(*Ampelopsis Quinquefolia*.)

One of the most valuable climbers that has been introduced in Montana. It is extremely hardy and will make a beauty spot of any wall. Of rapid growth, and will succeed anywhere. The foliage is a rich bright green in summer, turning in the fall to crimson and gold. This vine cannot be too highly recommended.

Each, 75c and \$1.00; postpaid, 85c and \$1.25

Extra large plants \$2.00 each.

WISTERIA SINENSIS

This half-hardy climber is a great favorite everywhere. It bears innumerable pendulous panicles of violet-blue flowers richly perfumed, early in the season. Requires winter protection in Montana.

Good pot grown plants each \$1.00.

SOLANUM (German Bittersweet.)

A vine of rapid growth and climbing habit. Foliage is a beautiful dark green. In the summer it is covered with violet-purple blossoms and bright green fruits, which turn to a brilliant scarlet. Very hardy.

Each35c

Postpaid45c

Shade and Ornamental Trees

IMPORTANT TO TREE BUYERS.—In buying shade and fruit trees or other Nursery stock from **THE STATE NURSERY AND SEED CO.**, you are also getting free of charge the experience of **TWENTY-EIGHT YEARS** of production of these goods in Montana. This can not be offered you by any other house at any price.

State Nursery and Seed Co.'s trees are the best the Northwest can produce and the numerous unsolicited testimonials we receive bear out that fact. Our location is ideal, with soil, that gives all our trees the one essential requirement, a good strong fibrous root.

Our trees are being planted for parking not only by private persons but by many of the cities throughout the State. We cordially invite correspondence from City authorities on this subject.

Ideal packing is our specialty, the trees reaching you in practically the same condition as when they were dug. Trees are wrapped the full length in burlap and the roots covered with wet moss.

We guarantee all stock true to name, but can only replace trees that die at half price (with the exception of the Weeping Cut Leaved Birch) as we use every endeavor to send out only trees that are in perfect condition.

Write for special prices when wanted in large quantities

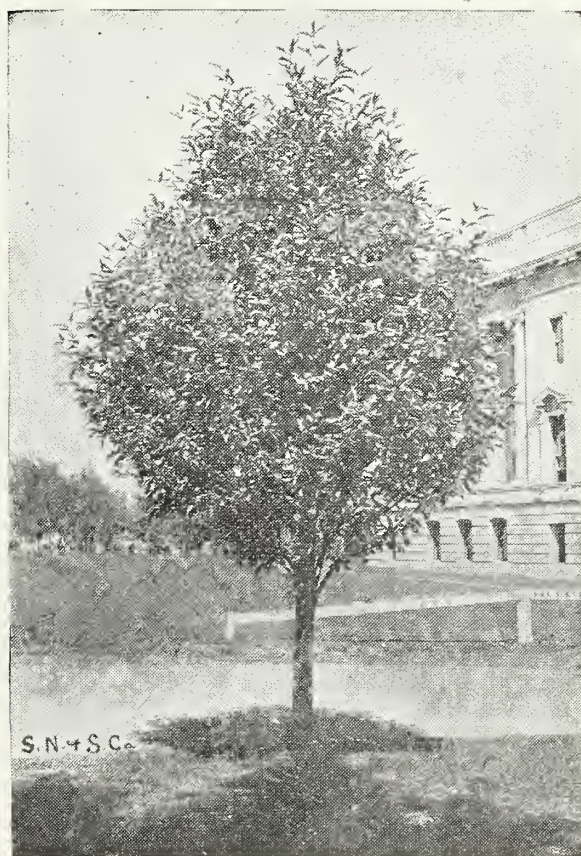


American White Ash.

ASH—(American White.)

The best hard wood tree for Montana, being extremely hardy, and growing into a most beautifully formed head. (See cut.) We cannot recommend this tree too highly for this section, either for parking purposes or for planting as individual specimens. We call especial attention to the \$2.00 size—8 to 9 ft. high. The 7 to 8 foot tree is generally planted for street parkings and we invite correspondence from city authorities.

Each, 6 to 7 ft. high.....\$1.00; doz., \$10.00
 Each, 7 to 8 ft. high.....\$1.50; doz., \$15.00
 Each, 8 to 9 ft. high.....\$2.00; doz. \$20.00
 Specimen Trees, 10 to 15 ft.....\$2.00 to \$5.00



Oak Leaved Mountain Ash.

Oak Leaved Mountain Ash—Of pyramidal growth with foliage resembling that of the Oak, a handsome tree, and very hardy. Like the ordinary Mountain Ash, it bears white blossoms, followed by red berries in the Fall and Winter. Altogether, it is one of the most desirable ornamental trees for this section.

MOUNTAIN ASH—(Rowanberry.)

This is one of the most beautiful of our ornamental trees. Their luxuriant pinate and beautiful foliage gives them a very soft appearance.

European Mountain Ash—Extremely hardy with a fine soft shade of green foliage. Bears white blossoms in the Spring and red berries in the Fall, making it an ornamental tree throughout the season.

Each, either variety, 6 to 7 ft., \$1.00; doz., \$10.00

BALM OF GILEAD.

Well matured trees; have the most exquisite dark and rich shades of foliage. This tree takes root easily and seems to thrive anywhere.

Each, 5 to 6 feet..... 50c; doz., \$5.00
Each, 6 to 8 feet..... \$1.00; doz., \$10.00



Cut Leaved Birch.

BIRCH—(Cut Leaved Weeping.)

The picturesque beauty of its bark and the delicately cut foliage make it very popular. Unfortunately, this tree is one of the hardest trees to transplant known, and while we take every possible precaution to insure delivery in perfect condition, we cannot undertake to replace this tree for half price as stated on page 51. We are compelled to sell at purchaser's risk only. However, its great beauty and extreme hardiness when established, make it well worth a trial.

Each, 6 to 8 feet.....\$2.00
Each, 8 to 10 feet.....\$3.00

BOX ELDER.

Often called the Ash Leaved Maple. Requires but moderately rich soil, and is of a vigorous growth. Has been so popularly planted that it needs no description.

Each, 5 to 6 ft..... 75c; doz. \$8.00
Each, 7 to 8 ft.....\$1.00; doz., \$10.00

HORSE CHESTNUT.

This distinct variety is one of the most beautiful of our trees. Its thickly set foliage, combined with the form it takes makes it well worth trying.

Each, 6 to 7 feet.....\$2.00

ELM.

This well known and majestic tree is being more and more recognized as one of valuable shade trees in Montana. Our Montana grown stock is in great demand, and fine specimens can be seen in almost every city in the state.

Each, 6 to 9 feet.....\$1.00; doz., \$10.00

WEeping ELM.

A most picturesque variety of the genus, its irregular pendulous branches, when planted in clusters, forming a huge umbrella-like arbor.

Each, 6 to 8 feet.....\$2.50

**NORWAY MAPLE.**

The Maples are increasing in popularity owing to the profusion of foliage and majestic upright rapid growth. **Norway Maple**—An excellent shade tree, the foliage in the fall assuming very striking tints of yellow.

Each, 6 to 7 feet.....\$1.00; doz. \$10.00
Each, 7 to 9 feet.....\$1.50; doz., \$15.00

"Peerless" Rocky Mountain Lawn Grass Seed

Absolutely an unequaled mixture for Montana
and the Northwest.

Pamphlet on **LAWNS, THEIR PREPARATION AND
CARE**, Free on application.

POPLARS.

Thriving in almost any soil and standing our hardest winters, together with its rapid growth, make the Poplar the most desirable of all shade trees.

Canada Poplar—This variety of the well known Poplar family is the hardiest of all, and is by far the best for this section. It is being increasingly planted year by year, and despite our efforts, it seems impossible for our Nursery propagator to keep up with the demand. Its rapid growth, dark green foliage and symmetrical form easily distinguish from any other tree in the landscape.

Carolina Poplar—Rapid grower, beautiful foliage, but not as hardy as the other varieties.

Norway Poplar—Another good variety, grows to a very large size.

Silver Leaved Poplar—Under side of leaves are a beautiful silver grey, making it decidedly distinct from any of the other varieties.

Lombardy Poplar—This variety is a very rapid grower—very erect, forming living pillars of handsome green foliage. This peculiar habit combined with its hardy nature make it the best variety for windbreaks, the tall green pillars rapidly reaching to a great height.

Each, 4 to 5 feet.....	50c; per doz., \$5.00
Each, 5 to 6 feet.....	75c; per doz., \$8.00
Each, 6 to 7 feet.....	\$1.00; per doz., \$10.00
Each, 8 to 10 feet.....	\$1.50; per doz., \$15.00

Jefferson Island, Mont.

State Nursery & Seed Co., Helena, Mont.

Dear Sirs: My trees arrived in fine condition, and I want to thank you for your prompt shipment, and also for the nice complimentary shrub.

Sincerely yours,

MRS. A. F. CHURCH.

Wisdom, Mont.

State Nursery Co., Helena, Mont.

Dear Sirs: I thank you very much for your promptness in sending the trees. They were much larger than I expected them to be. Every one who comes here notices them. My entire order was fine.

Thanking you,

MRS. WILMER SMITH.



A Block of Young Poplars.

Lewistown, Mont.

State Nursery Co., Helena, Mont.

Gentlemen: Herewith enclosed I hand you my check to cover order for nursery stock shipped to me. The stock arrived in good order and I was very much pleased with it.

Yours very truly,

WM. M. BLACKFORD.



Windbreak of Russian Willows.

TREE CUTTINGS.

We sell quantities of Cuttings of the following varieties: Poplars, Willows, Balm of Gilead. These cuttings are about six inches long and in bundles of 100.

Per 100.....	\$1.50; per 1,000, \$10.00
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WILLOWS

One of the most hardy class of trees known. The cultivated varieties we offer are invaluable for the rigorous climate of Montana. They are of very rapid growth, and make fine attractive trees for any position.

Golden Willow—Golden colored growth, makes a handsome specimen tree anywhere, and hardy under all conditions.

Each, 4 to 5 ft.....	35c; doz., \$3.00
Each, 5 to 6 ft.....	50c; doz., \$5.00
Each, 8 to 10 ft.....	\$1.00; doz., \$10.00

Laurel Willow—The cultivated Pussy Willow. Not the wild pussy willow of our river bottoms, but a far superior type. Of very upright growth, forming a large, round head, with deep shining green foliage.

Each, 6 to 8 ft.,	\$1.00; 10 to 12 ft. \$3.00
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Russian Willow—A very strong growing tall variety, extremely valuable for windbreaks, very hardy and of very rapid growth and of great value also for specimen trees.

Each, 4 to 5 ft.,	\$35.....doz., \$3.00
Each, 5 to 6 ft.,	50c.....doz., \$5.00
Each, 8 to 10 ft.,	\$1.00.....doz., \$10.00

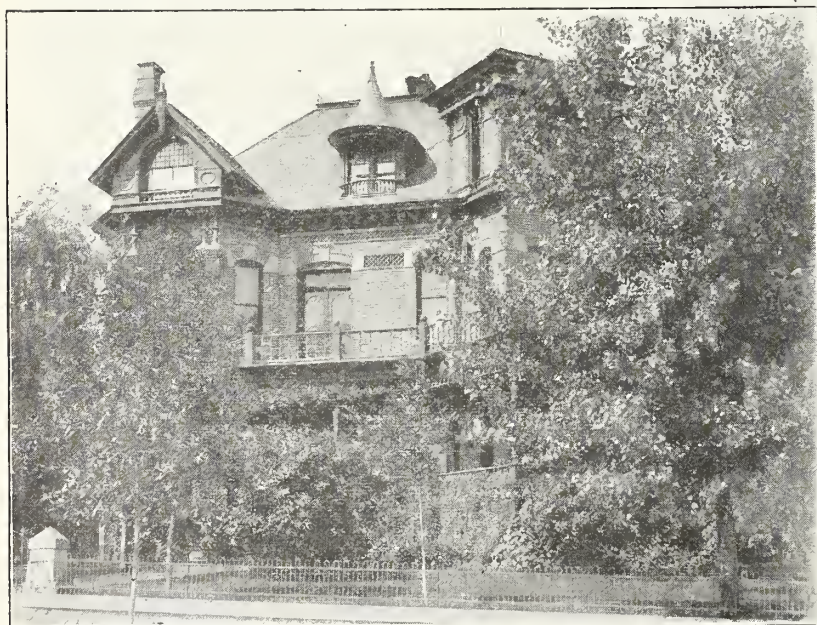
LARGE SPECIMENS of the Russian and Golden Willow, 12 to 15 feet can be supplied. Write for prices, stating number required.



Colorado Blue Spruce.

SPRUCE.

The Spruce is by far the most popularly planted being thought by many the best of the evergreens. Its dense foliage and conical shape makes it very valuable for both ornamentation and windbreaks.



Grounds Planted With Our Nursery Grown Trees.



Norway Spruce.

Norway Spruce—Very dark green, well formed and dense foliage.

Each.....\$1.00, \$2.00, \$3.00 and \$5.00

Colorado Blue Spruce—A rich blue foliage and very stiff pointed.

Each.....\$5.00 to \$7.50

Douglas Spruce—Foliage resembles that of Hemlock; of graceful habit.

Each.....50c to \$2.00

Write for special prices on specimen trees. Our prices will be interesting.

PLANTING TREES

On receiving Trees unpack without delay, cover the roots with earth and water freely.

The roots should never be exposed to the air after wrapping is removed.

All bruised ends of roots should be trimmed.

When planting do not expose roots by taking more than one tree at a time.

All Trees should be planted about 2 inches deeper than they were at the nursery. (The mark at the base determines this depth.)

Complete by well watering.

Soil should be firmly packed around the roots. This is an essential point.

GUIDE TO PLANTING TREES, ETC.

30 feet apart each way.....	Trees to Acre	50
25 feet apart each way.....		70
20 feet apart each way.....		110
18 feet apart each way.....		135
15 feet apart each way.....		205
12 feet apart each way.....		300
10 feet apart each way.....		435
8 feet apart each way.....		680
6 feet apart each way.....		1210
5 feet apart each way.....		1745
4 feet apart each way.....		2725
3 feet apart each way.....		4840

Fruit Trees and Small Fruits

We are specialists in Fruit Trees for the private individual and our stock is grown more especially for this class of trade. Our list is somewhat limited, because we offer only what we have proven to be adapted to the Montana climate. Montana is a cold state and it is useless as we have proved from experience—to expect varieties that do well in milder locations to stand our winters. If, however, you are desirous of getting something we do not list, let us know, and we will supply you, at the same time giving you our candid advice. All the trees listed here we can recommend for hardiness and good value, in the best of the standard varieties. Our experience of twenty-eight years is offered to you in this catalog in its entirety, free of all charge, an invaluable aid to purchasers of Fruit and other trees.

APPLES

Our Apple Trees are the very highest in vigor. Grown in a medium light soil, they have that one essential thing, a strong fibrous growth.



Duchess.

Duchess of Oldenburg—One of the hardiest and most productive of our large apples. Fruit streaked red. (Fall variety.)

Wealthy—Does well wherever grown—leading winter variety for Montana. Large red fruit.

Delicious—A well known and good Fall apple. Splendid keeper, and delicious flavor.

Yellow transparent—Earliest and of splendid quality, and does well in any exposed situation. Fruit light yellow.

Fameuse (Snow)—A late Fall variety not large fruit but plenty of it and the quality is grand—dark crimson with snow-white flesh.

McIntosh Red—We have this well-known variety in first class stock.

Hibernal—One of the hardiest, and will do splendidly in exposed places. Origin Russia. (Fall variety.)

N. W. Greening—Origin Wisconsin. Fruit a yellowish green. A Winter variety.

Gano—A rival of the well-known Ben Davis. The tree is a very vigorous grower. Origin Tennessee. Winter variety.

Each, any variety 75c; doz., \$7.50
Our special size \$1.00; doz., \$10.00



Wealthy Apple in Fruit.



Transcendent Crab.

CRAB APPLES

Hyslop—A very beautiful Crab. Large, deep crimson fruit.

Martha—Glossy yellow fruit, shaded red.

Transcendent—Very productive; fruit yellow with red cheek. The variety generally used for jelly.

Whitney—Bears quantities of very large fruit. Good both for eating and cooking. Very hardy.

Each, any variety 75c; doz., \$7.50
Each, our special size \$1.00 doz., \$10.00

CHERRIES

Cherries do very well in some parts of Montana, while in others they will not succeed. We advise our customers, where Cherries are not grown, to test a tree or two of the hardiest varieties, before attempting to plant on a large scale. This will lead to practical knowledge for the different localities, and prevent severe disappointment.

Early Richmond—A splendid variety in dark red.

English Morello—A blackish red sort, acid and juicy.

Dyehour—Similar to Early Richmond, but earlier.

Montmorency—One of the finest flavored and very hardy

Each.....\$1.00; doz., \$10.00



Rocky Mountain Cherry.

Rocky Mountain—Grows to a height of four feet and its load of white blossoms in spring is followed by quantities of black fruit that ripens late. A distinct bush.

Each.....\$1.00; doz., \$10.00

PLUMS

Aetna—A most prolific red, of medium size and very hardy.

Lombard—Medium sized fruit borne in great quantity.

Weaver—Large purple fruit, very abundant.

De Soto—Red, shaded yellow; of enormous productiveness.

Bradshaw—Very large dark violet red fruit juicy and of splendid quality.

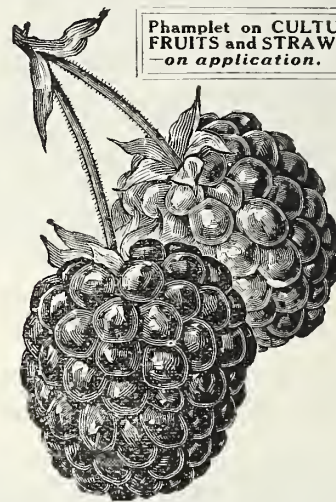
Each.....\$1.00; doz., \$10.00

Plums—(Continued.)

Compass Cherry Plum—This is a cross between a Cherry and a Plum, and one of the very best trees for Montana. It is extremely hardy, and will thrive where any other tree will hardly grow. In the spring it is covered with a dense mass of blossom, making it invaluable for planting as a decorative tree anywhere. It bears enormous quantities of fruit, which ripens late in the season, and are invaluable for jelly.

Each50c

BUSH FRUITS



Pamphlet on CULTURE OF BUSH FRUITS and STRAWBERRIES free on application.

BLACKBERRIES

To get best possible results plant in rows six feet apart about three feet in the row.

Stone's Hardy—Vigorous and upright growth. A very dependable variety, and although its fruit is a little smaller than others of its class, its extreme hardiness will always keep it a favorite.

Snyder—Very productive and hardy; fruit sweet and juicy, ripens early.

Each10c; doz., 75c

Each (Postpaid)20c; doz., \$1.00

CURRENTS

Besides being a desirable fruit bush, it also forms a very ornamental bush in landscape work. Last year our sales of currant bushes were far in advance of previous years, a significant proof of their popularity. Our bushes this year are exceptionally vigorous, upright and compact.

Red Variety (Cherry)—Very productive, color a bright red, in profuse clusters.

North Star—Fruit borne on naked stems, quality rich and mild, good red color.

Fay's Prolific—Fruit average, bright red color thin skin.

Common Red—Berry medium to large.

White Variety (White Grape)—Spreading bush and very productive, berries very large.

Black Variety (Black Naples)—Fruit varies from small to large, well known variety.

Each, 25c; postpaid, 35c; per doz., \$2.50

Postpaid\$3.00

Each, large size, 50c; postpaid.....65c

Per doz., \$5.00; postpaid.....\$5.50

CURRENTS—(Continued.)



Current (Perfection.)

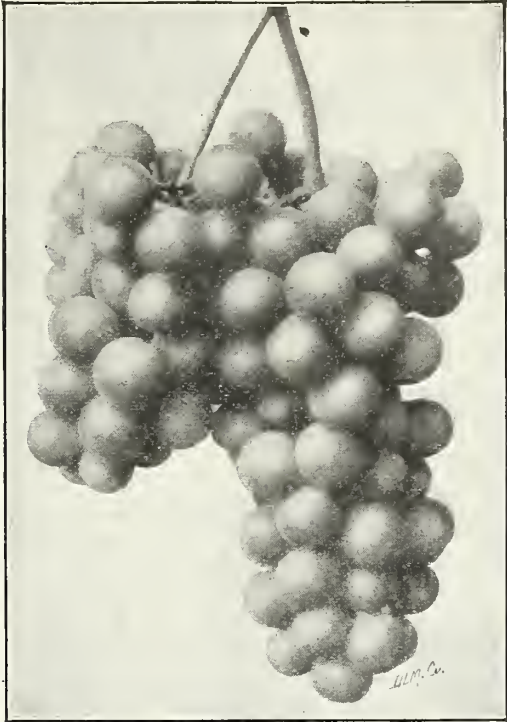
Perfection—We offered this six years ago and met with a great sale. It is a cross between Fay's Prolific and White Grape. Quality superior to any yet on the market. Rich sub-acid flavor with plenty of pulp and few seeds. A valuable addition to the red varieties.
Each.....50c; doz., \$5.00
Each (postpaid), 75c; per doz.....\$5.50



Gooseberry.

GOOSEBERRIES

When planted a good distance apart and given good, shallow surface cultivation the Gooseberry does exceptionally well in this state, and should be more generally planted.
Columbus—Hardy and large, and we have grown it for years in unsheltered positions.
Smithers—A purple variety of medium size, very prolific and hardy.
Each, any variety.....25c; doz., \$2.50
Each (Postpaid)35c; doz., \$2.75
Large plants, each 50c; postpaid.....65c
Native Wild Gooseberry—We offer this for hedges which are desired to turn dogs or other objectionable animals. They can be kept pruned to any desired thickness and are impenetrable. Each, 3 to 4 feet, 50c; per 100, \$30.00



Campbell's Early Grape.

GRAPES

The following varieties are the hardiest.
Campbell's Early—An improved Concord.
Concord—The most popular.
Worden—Black, hardy, good quality.
Each (Postpaid)50c

RASPBERRIES



While not necessary it is however, advisable to protect the Raspberry canes through the winter; we use straw for this purpose.
Herbert—This is the best variety, grows freely, hardy and produces its rich red fruit in abundance.
Price (Postpaid) per doz.....\$1.00
Marlboro—Strong grower, fruit large and sweet, red.
King—A fine hardy luscious red.
Golden Queen—The best of the yellow varieties.
Gregg—Black, splendid yielder.
Price any of the last three varieties, doz.....75c

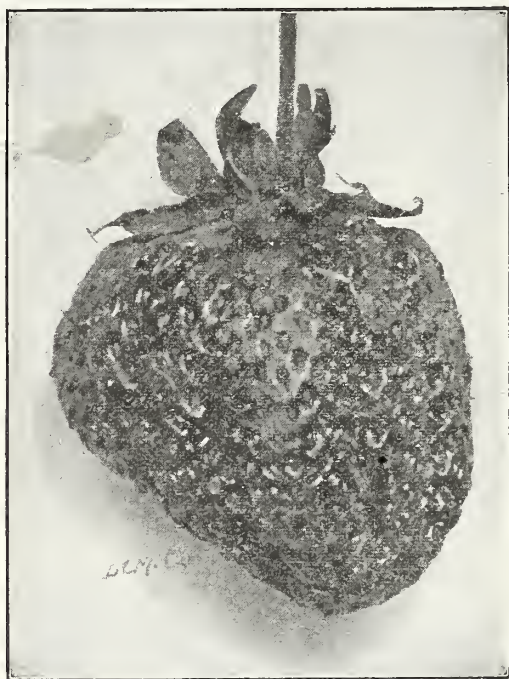
STRAWBERRIES

Pamphlet on Strawberry and Bush Fruit Culture FREE, on application.

The fruiting plant that stands the severe conditions of Montana's climate with splendid credit to itself is the Strawberry. For the space it occupies in the garden it is hard to find anything to equal it and our patrons show a constantly increasing appreciation of this fact.

Strawberries are either Perfect or Imperfect flowered. The varieties listed below are all of the Perfect flowered type.

We desire to call especial attention to the Everbearing varieties quoted. They should prove of more than usual merit for both home culture and market purposes.



Senator Dunlap, P.—Hardy, strong grower, prolific, plant-maker, good bearer of firm berries that stands transportation well. The best early, mid-season berry for Montana and more generally planted than any other.

Wm. Belt, P.—No berry sufficiently hardy to stand our high elevations is equal to this in flavor. Plants are good sized and productive. A splendid mid-season berry, sure to please all who grow it who like fine fruit.

Glen Mary, P.—Does well in Montana in the more favored localities where it produces a good crop of fruit on plants somewhat similar to Senator Dunlap.

Brandywine, P.—A mid-season variety, with large, rich red fruit, delicious flavor. A high grade berry.

Dr. Burrell, P.—A mid-season berry, very firm fruit, good color and a heavy yielder.

Any of the above varieties (Postpaid), 100, \$2.00
(Not less than 25 of a kind supplied.)

Everbearing Strawberries

This type of Strawberry is becoming a great favorite in the northwest. Their extreme hardiness, combined with their long bearing season, make them doubly valuable, not only to the commercial grower for the market, but also for the private garden.

Progressive, P.—One of the first of the type to be introduced. A fine well-colored berry, of delicious flavor. A good shipper.

Superb, P.—Another splendid variety, superb not only in name but in every good quality which goes to make a fine strawberry. A good shipper.

Either variety, per 100 (Postpaid).....\$2.50
(Not less than 25 of a kind supplied.)

Either variety 500 (Postpaid).....\$12.00
Either variety 1,000 (Postpaid).....\$20.00

Tomato Plants

This well known summer fruit is fast becoming a staple article of diet in Montana. With the exception of the higher altitudes, they can be readily grown and with success. During the present crisis, and in fact as a staple article, they should be grown far more than they are, large as is the quantity now planted. As in the older sections of the country, most parts of Montana, it will be found practical to grow sufficient quantities of this delicious and healthful fruit for canning purposes, as well as for fresh table consumption. This will be found a very practical method of reducing the so-called high cost of living.

Number of plants required per acre—Staked or upright method, 3 feet in the row and 5 feet between rows—2904.

Pot grown plants while more expensive are far more satisfactory, and when only a few are to be planted we strongly advise the pot grown.

We list the following varieties as being suited to our climate:

John Baer—The earliest and best.

Bonny Best—Another early sort.

Acme—An old standard.

Earliana—Fruit large.

Montana Beauty—Large and good flavor.

Golden Queen—Solid, smooth and best of the yellow varieties.

Dozen, pot grown plants.....75c
Dozen pot grown (Postpaid).....\$1.00
Dozen, from boxes.....35c; 100, \$2.00
Postpaid40c; 100, \$2.20

Vegetable Plants and Garden Roots

ASPARAGUS.

We offer roots of this vegetable in a tried variety:

Palmetto—Early and of excellent quality.

Dozen, 4-year-old.....	25c; 100, \$2.00
Dozen, 2-year-old.....	50c; 100, \$3.00
Doz. 1-year-old (Postpaid)	45c; 100, \$2.40
Doz. 2-year-old (Postpaid)	60c; 100, \$3.60

CABBAGE PLANTS.

With perhaps the exception of the extremely high altitudes, Montana can produce as many pounds of this necessary vegetable to the acre as almost any state in the Union. To secure the best and quickest results irrigation is necessary on dry lands. Too much water will, however, result in "splitting." The varieties we list below are those which have proven the best both in weight and quality for this section.

Early cabbage plants require 10,000 to 12,000 plants per acre. Late cabbage requires from 6,000 to 8,000 plants per acre.

Copenhagen Market—Earliest and best Cabbage.

Hundred.....	75c; 1,000, \$6.50
Hundred (Postpaid)	85c

Early Varieties—Ready from May 1st.

Hundred.....	60c; 1,000, \$5.00
Hundred (Postpaid)	70c

Late Varieties—Ready from May 10th.

Hundred.....	60c; 1,000, \$5.00
Hundred (Postpaid)	70c

Red—For pickling.

Hundred.....	\$1.00
Hundred (Postpaid)	\$1.15

Savoy—

Hundred.....	\$1.00
Hundred (Postpaid)	\$1.15

CAULIFLOWER.

Cauliflower grow splendidly in Montana, requiring about 8,000 plants to the acre. A money making crop in favored sections.

S. N. & S. Co.'s Peerless Snowball—Earliest and best of all.

Hundred, \$1.00; 1,000.....	\$8.00
Hundred (Postpaid),	\$1.10

CELERY.

14,000 to 15,000 Plants to the Acre.

S. N. & S. Co.'s Peerless White Plume—For Fall and Winter use.

S. N. & S. Co.'s Peerless Self-Blanching—Early solid, crisp; delicious flavor.

Hundred, either variety.....	\$1.00; 1,000, \$7.50
Hundred (Postpaid)	\$1.25

CUCUMBERS.

We have the splendid White Spine and Long Green varieties. From pots:

Each, either kind.....	10c; doz., \$1.00
Postpaid	15c; doz., \$1.25

CANTELOUPE.

Plants from 3-inch pots, all ready to grow.

Per dozen	\$1.00
Postpaid	\$1.35

PEANUTS.

To those who would like to try these, we are growing them in 3-inch pots, well started.

Per dozen	\$1.00
Postpaid	\$1.35

WATER MELON.

Well started plants from 3-inch pots.

Per dozen	\$1.00
Postpaid	\$1.35

CHIVES.

For flavoring.

Each	10c; doz., \$1.00
Each (Postpaid)	15c; doz., \$1.25

EGG PLANT.

Ready May 20th.

Each	10c; doz., \$1.00; 100, \$6.00
Each (Postpaid)	15c; doz., \$1.15

HORSE RADISIL.

12,000 Plants to Acre.

Nice roots.

Each	10c; doz., \$1.00
Each (Postpaid)	15c; doz., \$1.25

MINT.

Spear—For mint sauce and julep.

Each	10c; doz., \$1.00
Each (Postpaid)	15c; doz., \$1.25

PARSLEY.

Each	5c; doz., 50c
Postpaid	10c; doz., 70c

PEPPER.

Large Bell or Bull Nose—The variety for Montana.

Dozen	35c; 100, \$2.50
Postpaid	50c; 100, \$2.75

RHUBARB.

A very large demand for our Rhubarb roots has caused us to grow them more extensively.

S. N. & S. Co.'s Monarch—Large red stems.

Each, 2 years old.....	20c; doz., \$2.00
Postpaid	35c; doz., \$2.35

SWEET POTATOES.

10,000 Plants to the Acre.

Dozen	25c; hundred, \$1.50
Dozen (Postpaid)	35c; hundred, \$1.75

Cut Flower Department



No 165 - Bride's Bouquet of Roses and Valley
\$15.00 to \$25.00

Our Cut Flowers Department is perhaps the most up-to-the-minute of any in Montana. It is in charge of one of the foremost experts in this line obtainable, aided by a corps of capable assistants.

The fact that we grow all our own flowers, coupled with the foregoing, insures that all orders for this class of goods will be filled with the highest quality, and put up in the most artistic manner known to the craft.

We also wish to call your attention to the means at our command, whereby we can deliver cut flowers for any occasion, at any point, in the United States, Canada, or the principal cities of Europe, with the card of the donor attached, and delivered right on the hour required. Orders of this kind are delivered with all charges prepaid and charged to the person giving the order. This is accomplished by means of the FLORISTS TELEGRAPH DELIVERY ASSOCIATION, of which we are members, and is composed of the leading florists in all parts of the country. This service usually requires but a few hours notice.

When time is limited, it is always best to use either Phone or Telegraph, so as to give us the best opportunity possible to get out what you desire, and also prevent exasperating errors and delays.

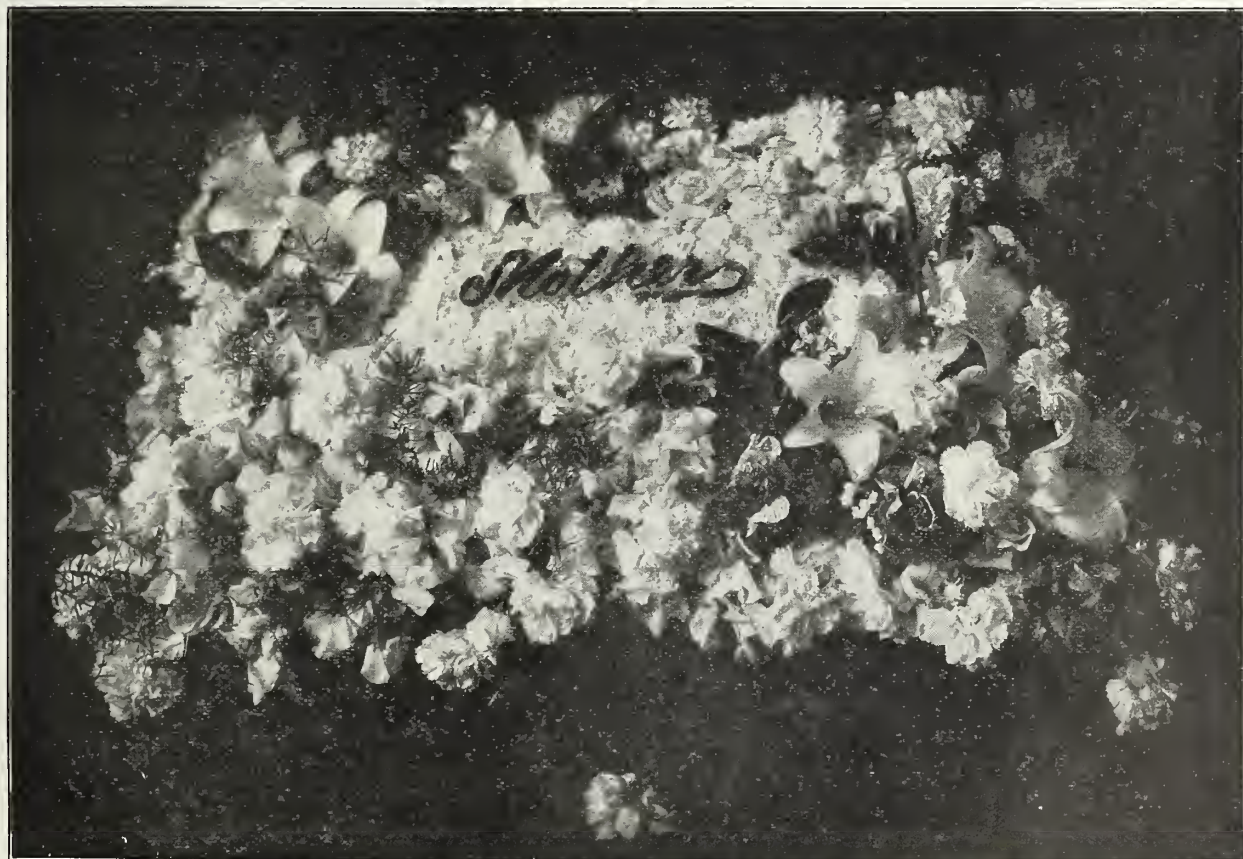
We are constantly shipping flowers to points as distant as St. Paul on the east, Seattle on the west, and to other points equally as far, and delivering them in the best of condition.

The following pages will give some idea to distant customers of what we can offer in this line, and we can always be relied upon to furnish the latest and most appropriate designs in anything floral, for any occasion whatever.

For cut flowers for any purpose, Phone (Bell) 327, Helena, Montana, between the hours of 8 A. M. and 6 P. M. After 6 P. M. telegraph the STATE NURSERY AND SEED CO., Helena, Mont., and we will guarantee satisfaction.



No. 1—Funeral Spray of Carnations. \$3.00 to \$10.00



No. 2—Pillow. \$7.50 to \$20.00

Funeral Emblems

We can, at very short notice, make up almost any floral emblem wanted. The emblems most generally used are:

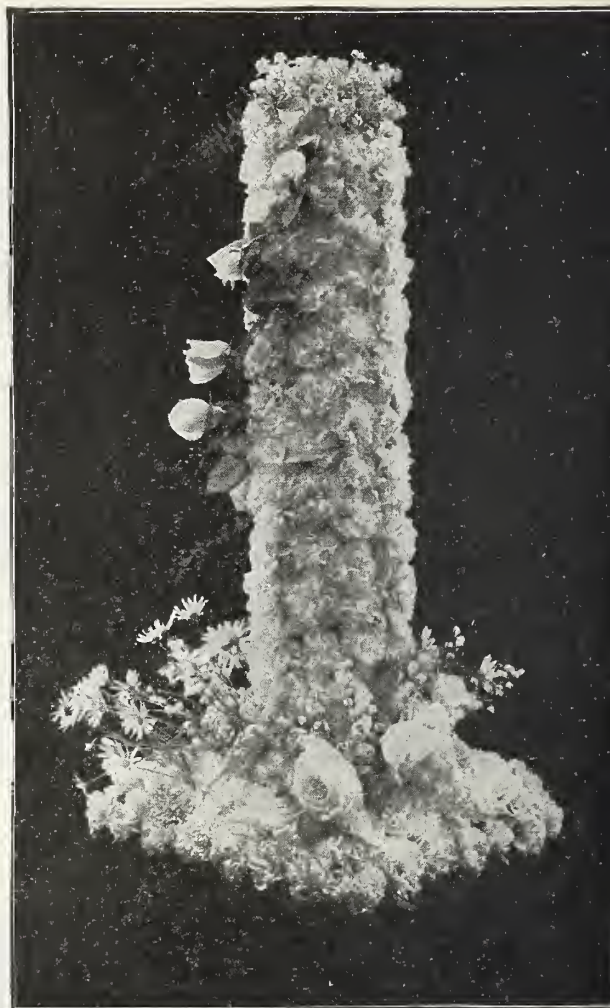
Wreaths	\$3.00 to \$25.00	Harps	\$10.00 to \$35.00
Pillows	\$5.00 to \$25.00	Stars	\$3.00 to \$15.00
Crosses	\$3.00 to \$25.00	Lyre	\$10.00 to \$35.00
Rock of Ages.....	\$20.00 to \$50.00	Broken Wheel.....	\$12.00 to \$50.00
Anchors	\$3.00 to \$20.00	Broken Column	\$10.00 to \$40.00
Hearts	\$3.00 to \$15.00	Gates Ajar.....	\$15.00 to \$50.00

Emblems of Fraternal Organizations.

Prices range from \$5.00 to \$25.00 each. When ordering state amount you wish to pay and we will guarantee satisfaction.



No. 17—A Funeral Spray of Callas with their Own Foliage. \$5.00 to \$15.00



No. 70—Broken Column
\$11.00 to \$25.00

Funeral Sprays

We make more Sprays than anything else for funerals. Most any seasonable flower is suitable and quite appropriate for this purpose. When the choice is left to us, we select the best flowers we have. Prices range from \$3.00 to \$20.00.

Blanket or Casket Cover

These are made either plain or very elaborate, and prices range from \$35.00 to \$75.00.

Table Decorations

Table Center Pieces artistically made up and ready for immediate use. Can be delivered to most any part of the state. Prices \$3.00 to \$10.00.

Shower Bouquets

Our Shower Bouquet for the Bride, made up of either Orchids, Bride-Roses, Lily of the Valley or other seasonable flowers. Tied up with loops of white baby ribbon and chiffon, giving them lightness and airiness. Can be carried by the most particular of Brides.
Prices.....\$15 to \$35

Bridesmaid Bouquets are usually made in color to correspond with the ladies' gown.
Prices.....\$10 to \$25

The less elaborate Bride or Bridesmaid Bouquet are more often used. Being simply a bunch of flowers well made up and all ready to carry.
Bride Bouquet.....\$5 to \$15
Bridesmaid Bouquet.....\$4 to \$12

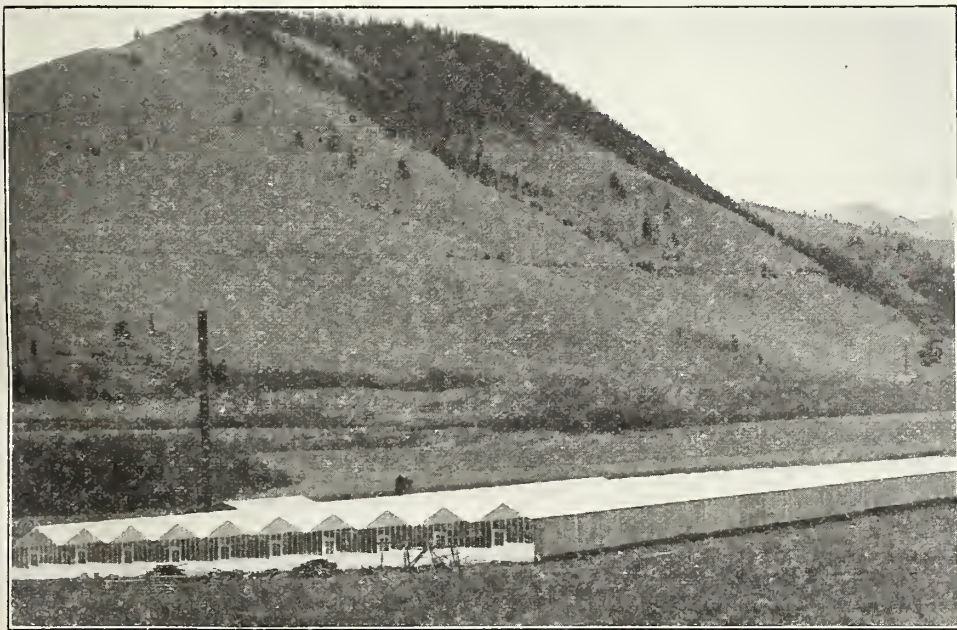
We also make up Corsages of Orchids, Violets, Roses or other seasonable flowers.
Prices.....\$1 to \$10

For Anniversaries, Birthdays, etc., we carry the latest novelties in Baskets, Ferneries, Jardineres, Horseshoes, etc., and filled with choicest flowers.
Prices.....From \$5.00 up

All prices are subject to change. Prices are usually higher at Christmas, New Year, Easter and Decoration Day. Write for special lists for these dates.
Our flowers are all grown at the Nursery and therefore, fresh, and will stand a journey of from one to three days.
We guarantee safe arrival of all flowers, especially when sent by express.

Cut Flowers

		Per Dozen.
Red Roses	\$2.50	to \$3.50
Pink Roses	\$2.00	to \$3.50
White Roses	\$2.00	to \$3.00
Yellow Roses	\$2.00	to \$3.00
Carnations	\$1.00	
Lily of the Valley.....	\$1.00	
(Season Dec. to June.)		
Violets	\$.25	
(Season Sept. to April.)		
Chrysanthemums	\$2.00	to \$8.00
(Season Oct. to Jan.)		
Daffodills	\$.75	to \$1.00
(Season Jan. to April.)		
Tulips	\$1.00	
(Season Jan. to April.)		
Narcissus	\$.75	to \$1.00
(Season Jan. to April.)		
Gladiolus	\$2.00	to \$3.00
(Season June to Dec.)		
Asters	\$.50	to \$1.00
(Season June to Oct.)		
Peonies	\$2.00	
(Season June.)		
Orchids	\$12.00	
Easter Lilies	\$3.00	to \$5.00
(Season Feb. to May.)		
Calla Lilies	\$3.00	to \$5.00
(Season Oct. to June.)		
Fern Leaves	\$.25	
Maiden Hair Fern, per doz. sprays.....	.75	
Asparagus Fern Strings.....	Each 75c	
Smilax Strings	Each 50c	



S. N. & S. Co.'s Carnation Range.

Some idea of the enormous volume of our Cut Flower business in this section, and of our ability to promptly fill all orders, may be gathered by reference to the accompanying photo. This depicts the range of glass devoted entirely to the growing of Carnations for Cut Flowers, and requiring about 50,000 plants to fill the benches. The mountains in the picture, the foot of one of which adjoins our Nursery, are part of the Great Continental Divide of the Rockies.

Spring 1918---Twenty-Eighth Year

SEED DEPARTMENT

Suggestions to our Customers in Ordering from this Catalogue, the reading of which will aid both you and us.

EARLY ORDERS—Our rush season comes in the months of March and April. Orders sent AT ONCE secure prompt shipment at the proper time from full stocks.

HOW TO ORDER—Write your name, postoffice, state and express office and railroad company plainly with ink, on every order, and also when you write us concerning it. Give plain express, mail or freight directions; where none are given, we route goods at buyer's risk.

USE ORDER SHEET—The use of the order sheets enclosed in this catalogue are a great help to us in filling and shipping orders. Instructions for use are on the sheets. More will be sent on receipt of a postal asking for same. Flower or Vegetable Seed orders should plainly state quantity before the name of the variety. Plant orders should give quantity, variety and price. Do not write letters on order sheet.

KEEP A COPY OF YOUR ORDER and mark off goods as received. Sometimes items may be sold out or will follow later, in which case a slip is enclosed with other goods, or notice sent.

ORDERS ARE PROMPTLY FILLED and as far as practicable, in rotation. All orders not shipped on day of receipt are acknowledged by a postcard giving the number of the order on our files. If you do not hear from an order sent us within a reasonable time, send us a duplicate of it giving date of order, amount of same, form of remittance, your full name and address, and if you have received the card of acknowledgment, the number of the order given on that card. If you will, in case of what appears to you to be an unreasonable delay, give us these items of information in your letter regarding the order, it will aid us greatly and save valuable time in the rush season in tracing the order.

ALWAYS, IF POSSIBLE, in writing in reference to an order, give the number of the order above referred to.

MISTAKES—These will happen in spite of all care. Write us at once with a copy of original order if possible, and errors will be promptly rectified. Please do not return goods until you hear from us.

FREIGHT OR EXPRESS—All express lines in the United States and Canada carry seeds at special rates. Plants come at the same special rate when out of pots and this includes nursery stock. On moderate sized orders, we advise express shipment rather than freight.

HOW TO SEND MONEY—Send cash with order (as we do not open book accounts for small amounts) by Draft, Postoffice or Express Money Order whenever possible; these are cheap and safe. Postage stamps are taken as cash for small amounts and we prefer denominations such as 5c, 10c or 15c. Registered letters can be sent from any post-office, and your receipt sent you by return mail, by which you know it has reached us. Local checks are accepted. Make money orders or checks payable to State Nursery and Seed Co.

RECOMMENDATIONS—We tender our sincere thanks to the numerous customers who have been kind enough to recommend us. We are always pleased to mail our catalogue to friends of our customers on request. We catalogue only such goods as have proved suitable to our climate. We trust that our efforts to simplify the task of selection will meet the approval of our many friends. Our seeds are the best that can be obtained, and our facilities for testing same are unexcelled.

SEEDS BY WEIGHT—All our seeds are sold by weight, which we believe to be the most satisfactory method. Half pounds and over, at pound rate; less than half-pounds at ounce or quarter-pound rates.

All Flower and Vegetable Seeds in pkt., oz., ¼-lb., pint, or quart, sent prepaid to your Railroad Station or Post-office, except where noted. Field Seeds by freight at purchaser's expense.

REGARDING PREMIUMS—In conformity with the law passed by the 1917 session of the Montana Legislature, absolutely prohibiting the giving or offering of premiums in any form or manner, we have discontinued this form of advertising. We will endeavor to more than offset this by giving if possible better goods and more goods, based on current market prices. Note the following, formerly given as premiums:

FARMERS READY REFERENCE BOOK—The most complete farm book on the market. Every department of farm life covered in detail by experts. Each (Postpaid), 15c, while the supply on hand lasts. Well worth several times its cost.

NATIONAL COOK BOOK—A manual of Good Recipes, carefully chosen from the contributions of over two thousand successful cooks and chefs in this and foreign countries, also useful notes on the various classes of good things to eat, all of which have been carefully checked and re-checked by competent authority. Special attention has been given to Bread and Pastry Making and the various dainties dear to good cooks. Each (Postpaid) 15c while the supply on hand lasts; in every respect the equal of any book of its kind ever published.

SPECIAL FOR THE FARMER—A set of 20 varieties of Farm Seeds—Alfalfas—Clovers—Milllets—Grass Seeds, etc., mounted under glass, with seedling table accompanying. A most useful outfit for the farmer desiring to know seeds and to have the means of identification on hand. Price (Postpaid), 25c.

OUR RESPONSIBILITY—It is so manifestly impossible for the seller of any perishable article to be responsible for what may happen to it after it leaves his hands, especially one like seeds or plants, which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to the crop which may be raised from seeds which we sell. At the same time in case of any failure to secure proper results caused from some inherent fault in the seeds themselves the State Nursery and Seed Co. accepts responsibility, not for crop, but to the extent of the amount of money paid for the seeds, if immediately advised. (Or seeds may be returned. See below.) We wish it understood that all our seeds are sold under the following general non-warranty.

We do not warrant in any way, express on implied, the contents or the description, quantity, productiveness or any other matter of any seeds, bulbs, plants, shrubs or trees sold by us, and we will not in any way be responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions, we sell at the moderate prices herein quoted.

STATE NURSERY AND SEED CO., Incorporated.

STATE NURSERY AND SEED CO.

NURSERYMEN—SEEDSMEN—FLORISTS
HELENA, - MONTANA

NURSERYMEN—SEEDSMEN—FLORISTS
HELENA, - MONTANA

Date.....191..
AMOUNT ENCLOSED

DO NOT WRITE IN THIS SPACE

P. O. Money Order
Express Money Order

Bank Draft . . .

Check . . .

Currency . . .

Stamps . . .

Total Amount Paid

Total Amount Paid

Total Amount Paid

Total Amount Paid

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Total Amount Paid

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					SHIPPING CLERK'S REMARKS	
FLOWER & VEGETABLES	SEEDS, Filled by	Checked by	Date	191	{ Shipped by	Freight
FIELD SEEDS	"	"	"	191	{ Date	191
SUNDRIES	"	"	"	191	{ Shipped by	Express
No. of packages to enclose		No. Sacks to enclose		Enclosed by	{ Date	191

EXPRESS SHIPMENT { PPD C.O.D.		MAIL SHIPMENT { PPD C.O.D.		FREIGHT SHIPMENT { PPD C.O.D.	
Sacks	Weight	Sacks	Weight	Sacks	Weight
Boxes	"	Box	"	Boxes	"
Packages	"	Packages	"	Packages	"
Crate	"	Postage	"	Crate	"
	"		"		"

FLOWER SEEDS

ABRONIA UMBRELLATA—(Sand Ver-
bena).....Pkt., 5c
Very pretty trailing plants with
numerous clusters of sweet-scented
flowers. Rosy lilac, with white eye.
Does well in light soil. Annual.

ACROLINIUM—(See Strawflower.)

AFRICAN GOLD DAISY—(Dimor-
photheca Aurantiaca)Pkt., 10c
The single daisy-like flowers are
2½ inches in diameter, and of a
unique glossy terra cotta orange,
which brilliant coloring is rendered
the more conspicuous by the dark disc surrounded by
a black zone. The plants grow from 12 to 15 inches high
and are very profuse flowering, especially in dry situ-
ations. Hardy annual.

AGERATUM—(Floss Flower)—Blue perfection.....Pkt., 5c
A hardy annual of easy culture, especially valuable for
bedding, as it is literally covered with blossoms all sum-
mer. Sow the seed early in the spring.

ALYSSUM—(Maritimum, Sweet Alyssum).....Oz., 25c; pkt. 5c
Six to eight inches high. A fragrant, hardy, annual,
bearing spikes of small white flowers in great profusion
throughout the summer and autumn. Useful for border
or early bedding flowers. Sow the seed early in spring.

ALYSSUM—(Little Dorrit).....Pkt. 10c
A novelty of late introduction, of dwarf and very bushy
habit. Exceedingly useful for
border and cemetery purposes.

ALYSSUM—(Little Gem)—Pkt. 10c
Three to four inches high; fine
for borders.

**ALYSSUM COMPACTUM LILACI-
ANUM**—(Lilac Queen) — Hardy
annual, lilac flowered. Per
Pkt.10c

**ALYSSUM COMPACTUM LUTES-
CENS**—Hardy annual yellow
flowered. Per pkt.....10c

ALYSSUM SAXATILE COMPACTA
A hardy dwarf perennial, very
useful for rockwork, literally
covering itself with yellow flow-
ers. Per pkt.....10c

AMMOBIUM—(See Strawflower.)

ANNUALS—Bloom first year from
seed and die after one season.

BIENNIALS—Bloom second year
from seed and plant dies after sec-
ond year.

PERENNIALS—Bloom second year
from seeds and plant lives and
blossoms for several years.

TENDER—Means plant will not
stand the least frost.

HALF-HARDY—Means plant will
stand a little frost and needs pro-
tection.

HARDY—Means plant will stand
considerable frost.

AMARANTHUS TRICOLOR—(Joseph's
Coat)—MixedPkt., 5c

These plants afford brilliant con-
trasts of colors, being useful for bor-
ders and groups; also, where foliage
effects are desired. The leaves and
stems are of different shades of red,
blended with green. Half-hardy an-
nual.

ANTIRRHINUM—(Tom Thumb) Mixed
Per pkt.10c

Beautiful dwarf growing bushy va-
riety. Flowers are handsome and
produced in great profusion the en-
tire season. It is not only desirable for beds and groups
but also for pot culture. Perennial.

ANTIRRHINUM—(Semi Dwarf)—Choice mixed.....Pkt., 10c
A splendid type, growing in height between the Tom
Thumb and Giant forms of this noble plant.

ANTIRRHINUM—(Grandiflora)—Tall mixed.....Pkt., 5c
Flowers double the size of older sorts more closely set
on the stems and colors more clear and brilliant, grow-
ing about 18 inches high. Grand mixture of many strik-
ing colors. Perennial.

ANGEL'S BREATH—(See Gypsophila.)

ASPARAGUS—(Plumosus Nanus)Pkt. 10c
An indoor perennial climber, of wonderful beauty. It
has largely replaced the famous smilax in the floral
world. Bright, cheerful. Fern-like green.

ASPARAGUS—(Sprengeri)—Emerald Feather.....Pkt., 10c
Adapted to suspended baskets;
1 to 4 feet. An excellent trailing
house plant, as it withstands a
dry atmosphere and succeeds
everywhere. Remains fresh a
long time after cutting.



African Gold Daisy.

ASPERULA—(Azurea) Blue Pkt. 5c
Grown for its fragrant leaves
and stems which dried have a
sweet odor, and are used for
putting among clothes, etc. Best
grown among shrubbery in semi-
shaded positions where it can
remain undisturbed.

ASPERULA TINCTORIA—(Sweet
Woodruff)Pkt., 10c
An old-fashioned fragrant
hardy perennial plant, greatly
loved for its fragrance when
dried, resembling the sweet odor
of new mown hay.



Asparagus Plumosus.



Alyssum (Little Gem.)



Ageratum (Blue.)

ASTERS

As a popular flower the Aster ranks with Sweet Peas, Pansies and Nasturtiums. No flower is more popular, and few have held so high a place in popular esteem for so many years, and it is still growing in favor. For an autumn show of flowers, we have not its equal. We offer only Asters of superior quality.

QUEEN OF THE MARKET—A first-class early variety, of branching habit. Flowers of good size, on good stems. Exceedingly valuable as a cut flower type. Blooming in July. One foot.

Bright Pink.....Pkt., 10c Pure WhitePkt., 10c
PurplePkt., 10c LavenderPkt., 10c
All colors mixed, pkt., 10c; ¼ oz, 40c.

SEMPLER IMPROVED BRANCHING—A very strong growing class of Aster with branching habit, long stemmed, exceedingly double flowers. Blooms in August. Two feet.

PurplePkt., 10c FleshPkt., 10c
LavenderPkt., 10c WhitePkt., 10c
CrimsonPkt., 10c RosePkt., 10c
Collection six pkts., one each of the above, 50c.
All colors mixed, pkt., 10c; ¼ oz., 50c.

VICK'S IMPERIAL ASTERS.

IMPERIAL—Daybreak—Sea Shell Pink.....Per pkt., 15c

IMPERIAL—Sunset—Light Pink.....Per pkt., 15c

IMPERIAL—Giant Purity—White.....Per pkt., 15c

IMPERIAL—Violet King—Soft Violet.....Per pkt., 15c

VICK'S LATE BRANCHING.

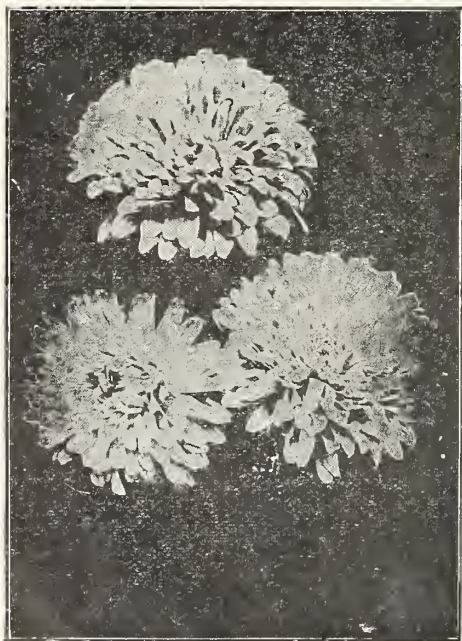
This type bears flowers of extraordinary size, on long strong stems, from fifteen to twenty inches in height. Of very strong growth, coming into bloom in August, and continuing throughout the rest of the season. Considered by many the most satisfactory Aster grown, for all purposes.

Crimson, pkt.10c Purple, pkt.10c
Lavender, pkt.10c Rose, pkt.10c
White, pkt.10c
All colors, mixed, pkt., 10c; ¼ oz.50c

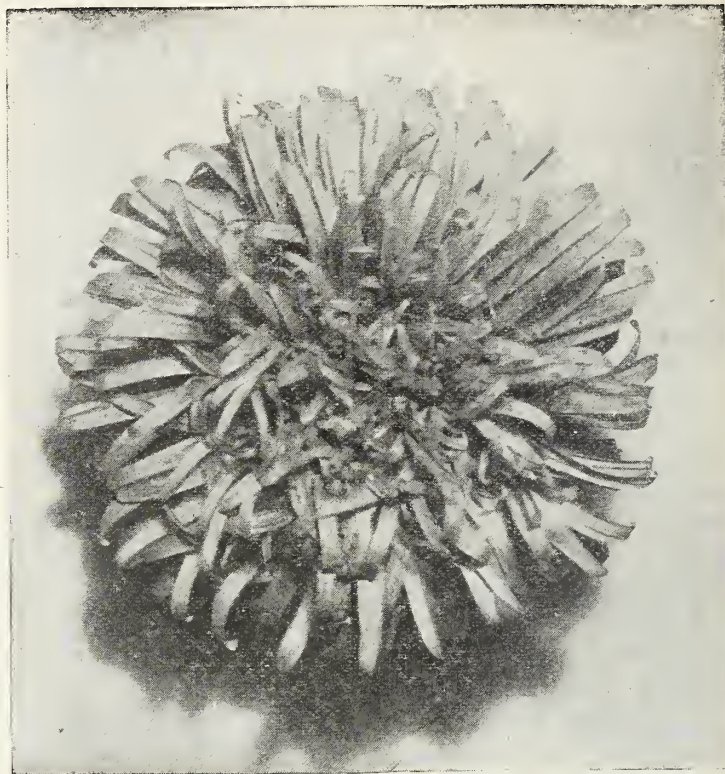
TRUFFAUTS PEONY FLOWERED MIXED—Per pkt., 10c.

VICTORIA—MixedPer pkt., 10c; ¼ oz., 60c

ASTERS—Finest mixedPer pkt., 5c; ¼ oz., 50c



ASTER—Queen of the Market.



ASTER—Crego Giant.

CREGO'S GIANT.

Considered by many the finest of the Aster family, producing immense flowers, often measuring 5 inches in diameter, and of a fluffy texture. They retain their pristine beauty when cut, longer than any Aster known.

White, pkt.15c Lavender, pkt.15c
Pink, pkt.15c All colors, mixed pkt., 15c
Per ¼ oz. of any color or all colors, 75c.

GIANT COMET BRANCHING.

Known also as the Ostrich Plume Asters. A strong growing form, bearing profusely large flowers. The petals are re-curved, and toward the center of the bloom are twisted and curled. Height two feet. A most desirable type.

White, per pkt.15c Flesh Pink, per pkt., 15c
Rose, per pkt.15c Pink, per pkt.15c
Lavender, per pkt.15c Purple, per pkt.15c
One pkt. each of the above six colors.....75c
All colors mixed, pkt., 15c; ¼ oz.50c



Victoria Aster.

BALSAM—(Double Mixed)—Pkt., 5c
Balsams like hot sun, rich soil and plenty of water. Plant '12 to 18 inches apart. Transplanting two or three times has a tendency to dwarf the plants into better shape and to make the flowers more double.

BALLOON VINE—(Love-in-a-Puff)—Pkt., 5c
A rapid growing climber; thrives in light soil. One of the prettiest climbers. Annual.

BARTONIA AUREA—(Golden Bartonia) Pkt., 5c
One of the brightest garden flowers. It produces its large golden blossoms all summer in great abundance; 1 foot high. Sow in open ground.

BACHELOR'S BUTTON—(Blue-bottle, or Cornflower) Mixed colors, oz., 50c; pkt., 5c
Of easy culture, sow the seed where it is to remain and thin plants to 3 or 4 inches apart. Annual.

BACHELOR BUTTON—(Pink) Pkt., 10c
Valuable for cut flowers, very easily grown and prolific bloomer. Annual.

BRACHYCOME—(Swan River Daisy) Pkt., 5c
A hardy annual, growing from 6 to 10 inches high, producing an abundance of blue and white flowers. Excellent for border.

BELLIS—(See Under Daisy.)

BEAN—(Scarlet Runner).....Lb., 40c; Pkt., 5c
A favorite old-fashioned climber. Both ornamental and edible. It grows rapidly to a height of ten or twelve feet, and is covered from July until frost with clusters of beautiful scarlet flowers. Annual.

CACALIA—(Tassel Flower or Flora's Paint Brush).....Pkt., 5c
A neat annual of easy culture with tassel shaped flowers; blooms from June to September; fine for borders. Golden yellow and scarlet mixed.

CALENDULA—(Pot Marigold)—One of the best and most showy annuals grown. Very fine either in beds or mixed borders, blooming until frost. One foot. All colors mixed, pkt., 5c; oz., 25c

CALENDULA METEOR—Lemon with Orange. Pkt., 10c; oz., 25c

CALENDULA—Prince of Orange—Rich Orange Red—Pkt., 10c; oz., 25c

CALENDULA SULPHUR or **LEMON QUEEN**—Pkt., 10c; oz., 25c

CALANDRINIA—(Umbellata) Pkt., 5c
Flowers of dazzling magenta crimson, about ½ inch in diameter, produced nearly all summer. Height 6 inches. A charming half-hardy biennial.

CALANDRINIA GRANDIFLORA—A splendid half-hardy Biennial, with flowers of a dazzling rose-pink. In bloom nearly all summer. Pkt., 5c.

CALIFORNIA POPPY—(See Eschscholtzia.)

CALLIOPSIS—(Lanceolata).....Pkt., 10c
Handsome perennial, large golden yellow.



Bachelor Button—Pink.



Brachycome or Swan River Daisy.



Carnation—Double.



Calliopsis—(Annual)

CALLIOPSIS—(Or Corcopsis) Mixed Pkt., 5c
Showy and beautiful free flowering annuals, blooming all summer and excellent for cutting and massing.

CANARY BIRD FLOWER—(Tropocolum Canariense)—Oz., 30c; Pkt., 5c
a beautiful climber with curiously shaped blossoms. Will blossom freely from July until killed by frost.

Tender annual. Sow in the house and transplant, or in open ground.

CANDYTUFT—(Iberis Umbellata)—Universally known as a border plant, and equally useful in beds. Annual.

PurplePkt., 10c
WhitePkt., 10c
CarminePkt., 10c
LilacPkt., 10c
CrimsonPkt., 10c

Empress or Giant Flowered—White, large long spikes of bloom; the best for cut flowers., Pkt. 10c.

Fine Mixed—Pkt. 5c

CANTERBURY BELLS—(Campanula Pyramidal).....Pkt., 5c
Handsome hardy biennial, of stately growth, rich color and profuse bloom. Should be given some protection in severe winter weather; colors: White and various shades of Violet, Rose, Lilac and Blue. Height, two to four feet.

CANTERBURY BELLS—(Calycanthemum).....Pkt., 10c
The new Cup and Saucer, larger and appear about two weeks earlier than those of the old type. A splendid plant for beds and pot culture. Perennial.

CARNATION MARGUERITE—This hardy perennial often blooms the first season from seed, and they are exceedingly valuable for bedding and pot culture. Very free flowering, exceedingly fragrant, large flowered and double.

White—Per pkt.....10c

Yellow—Per pkt.....10c

Dark Red—Per pkt.....10c

All Colors mixed—Per pkt.....10c

CARNATION—(Giant or Malmaison)
This type is noted for its wonderful range of colors, and its free blooming qualities. Fully 70 per cent of the seedlings generally produce double flowers, of large size. Perennial.

Extra Fine Double Mixed—Pkt., 10c

CASTOR OIL BEAN—(Ricinus)—Mixed Annualoz., 20c; pkt., 5c
The different varieties included in our mixture have light and dark green leaves and some of coppery bronze, changing to dark green with reddish ribs.

CATCHFLY—(Hardy annual)—Mixed. Pkt., 5c
An easy growing free flowering annual plant, producing dense umbels of white, red or rose colored blossoms. The plant is partly covered with a glutinous moisture, hence the name "Catchfly."

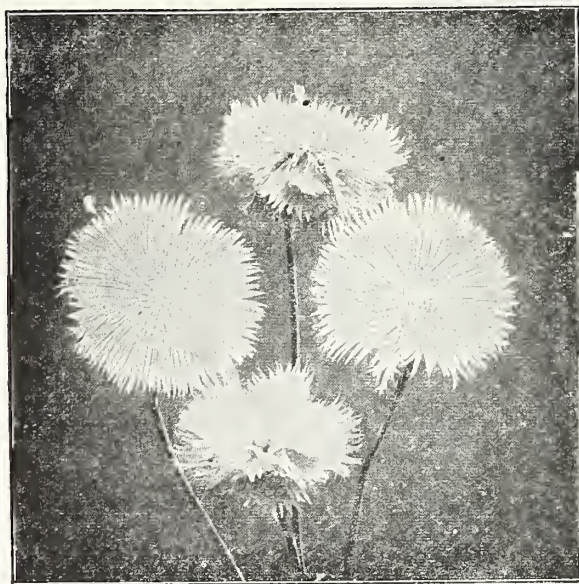
**CELOSIA CRISTATA**—(Cockscomb.)

CELOSIA CRISTATA—(Cockscomb)—Splendid annuals for either pot culture or for the border. Well grown blooms often measure 12 to 14 inches, of a most brilliant color.

Empress—Rich crimson combs of mammoth proportions. Per pkt., 10c
Dwarf Crimson Per pkt., 10c
Aurea—Dwarf—Golden Yellow Per pkt., 10c
Dwarf—Finest Mixed Per pkt., 10c

CELOSIA PLUMOSA—(Feathered Cockscomb) A splendid strain of the tall growing plumed Cockscomb forming great pyramids of huge crimson plumes.

Thompsoni Magnifica—Crimson Per pkt., 10c
Thompsoni Magnifica—Yellow Per pkt., 10c
Thompsoni Magnifica—Mixed Per pkt., 10c

**Centaurea Imperialis.**

CENTAUREA IMPERIALIS—(Royal Sweet Sultan)—A justly favorite annual, coming into bloom in July, and continuing until frost. Excellent for cut flowers.

White Per pkt., 10c **Rose** Per pkt., 10c
Lilac Per pkt., 10c **Blue** Per pkt., 10c
Finest Mixed Colors Per pkt., 10c

CENTAUREA RUTHENICA—A tall growing perennial variety, with sulphur-yellow blooms. Per pkt., 10c

CENTAUREA SUAVEOLENS—The yellow Sweet Sultan or Grecian Cornflower. Annual Per pkt., 10c

CENTAUREA CYANUS—(See Bachelor Button.)

CHRYSANTHEMUMS—Annual Varieties—Showy and effective garden favorites, extensively grown for cut flowers. Splendid summer flowering plants for the border, and very attractive. Of easy culture anywhere.

Carinatum Eclipse—Golden yellow with a purplish scarlet ring on the center of the petals, the disc a dark brown. Very striking. Per pkt., 10c

Coronarum—A most prolific bloomer, with small double white and yellow flowers. Double mixed, per pkt. 5c and 10c

CHRYSANTHEMUMS—Perennial Varieties. These are the well known perennial Chrysanthemums, grown greatly for the hardy Perennial border, of easy culture in almost any position and location.

Maximum—King Edward VII (Moonpenny Daisy)—A strong growing free flowering variety. Per pkt., 10c

Inodorum—Bridal Robe—A well known double white variety, fine for cut flowers. Per pkt., 10c

Maximum—White Perennial Marguerite—The well known large flowered Marguerite Daisy. Per pkt., 10c

Maximum—Shasta Daisy—Conceded the finest and most prolific bloomer of the Marguerite family. Per pkt., 10c

Maximum—Alaska—A very fine hardy perennial. Flowers 5 inches in diameter; with very broad petals, and long strong stems. Excellent for cut flowers. Pkt., 10c

CLARKIA—Mixed colors Pkt., 5c

Among the prettiest native hardy annuals. They are useful for hanging baskets, for vases and as edging plants. Sow outdoors in early spring and grow in partial shade. They bloom through midsummer to late autumn. Average height 1½ feet.

CLARKIA PUCHELA—(Tom Thumb) Mixed Pkt., 10c
 A dwarf form of this favorite flower of bushy habit and profuse blooming qualities.

COBEA SCANDENS Pkt. 5c

A half hardy climbing annual, with large leaves and large trumpet shaped flowers, the blossom is green until nearly grown, when it turns bright purplish blue—grows about 20 feet high and is very desirable for covering a large lattice. A native of Mexico.

COLUMBINE—(Aquilegia)—Double Mixed Pkt., 5c

Of the easiest culture and when once established, will furnish for many years a magnificent display of the handsomest flowers each spring and summer. The beds should be kept clear of weeds and given each year a liberal dressing of well rotted manure. Hardy herbaceous perennials; two to three feet high.

CONVOLVULUS MAJOR—Tall Morning Glory.

**Morning Glory (Convolvulus Major Mixed)**

A hardy climbing annual growing about 10 feet high. Flowers are well known and exist in a great variety of colors, tints and markings. Fully expanded only in the mornings. Of easy culture, quick growth and valuable in every garden.

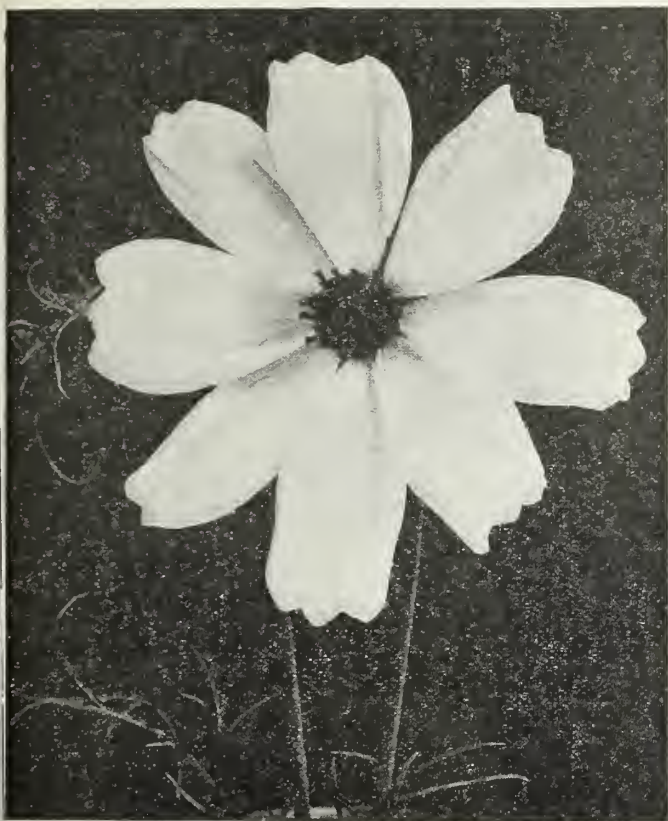
Rose Per pkt., 10c **Crimson** Per pkt., 10c
White Per pkt., 10c **Carmin** Per pkt., 10c
Lilac Per pkt., 10c **Purple** Per pkt., 10c
Striped Per pkt., 10c **Blue** Per pkt., 10c

Any six of the above, 1 pkt. each for 50c
Tall Mixed—Per pkt. 5c per oz., 25c

CONVOLVULUS MINOR—Dwarf Morning Glory—A very early flowering annual, with brilliant flowers. Of very easy culture.

Finest Dwarf Mixed—Per pkt., 5c per oz., 25c

CONVOLVULUS—JAPANESE—(See Ipomea.)

**COSMOS—Early Flowering Dawn.**

COSMOS—Among the garden annuals that have come into prominence in recent years, the Cosmos leads all. It is a show in the garden and magnificent when cut. Formerly we had to be content with the late flowering type which was often killed by early frost. Now that we have a most perfect type of the early flowering class, every garden should contain this exquisite flower. Seed in the open ground in the beginning of May will produce blooming plants in July, and will continue to flower late in the fall.

Early Flowering Mixed.....Per pkt., 5c; ¼ oz., 25c
Early Flowering Dawn—White, tinted pink.....Pkt., 10c
Early Flowering Dawn—Rose.....Pkt., 10c
Early Flowering Dawn—Pink.....Pkt., 10c
Early Flowering Dawn—Crimson.....Pkt., 10c
Early Flowering Dawn—Pure white.....Pkt., 10c

CYPRESS VINE—(Ipomea Quamoclit)—A hardy rapid climbing annual, with feathery foliage, bearing bright scarlet and white flowers very profusely.
Mixed Scarlet and White.....Per pkt., 5c

DAISY—(Bellis).....Pkt., 5c
 Finest double; very desirable for edgings or low borders.
Mixed, pink and white.

DAISY—(Shasta)—(See Chrysanthemums.)

Harlowton, Mont.

State Nursery & Seed Co., Helena, Mont.

I have the best garden we ever had in Montana, thanks to the State Nursery & Seed Co., as every seed I planted came from there. I certainly am proud of it.

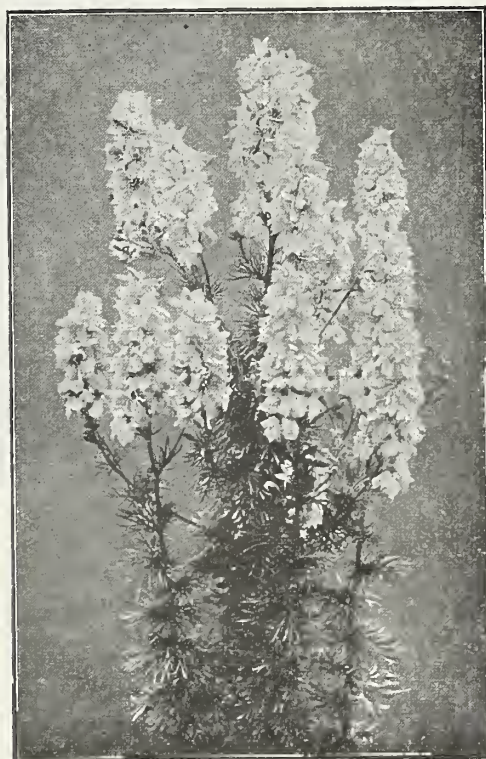
MRS. O. J. JOHNSRUD.

**DAHLIA—(Double.)**

DAHLIA—Double Mixed.....Pkt., 10c

DAHLIA—Single Mixed. Giant Perfection.....Pkt., 5c

This strain is a decided advance on the ordinary singles. The plants are of strong, robust habit and produce an abundance of flowers of immense size.

**DELPHINIUM—(Giant Flowered Perennial Larkspur.)**

DELPHINIUM—(Perennial Larkspur)—These are one of the most handsome and most useful hardy plants, and for the Perennial border is invaluable. Excellent for cut flowers, producing large long spikes of beautiful flowers, of varying shades of blue. Hardy Perennial.

Formosum—Dark blue.....Pkt., 10c
This is the old favorite dark blue Larkspur, and one of the best. Hardy Perennial.

Belladonna.....Pkt., 10c
A very free and continuous bloomer, with flowers of a Turquoise blue. Hardy Perennial.

Chinense—(Blue Butterfly).....Pkt., 10c
Another splendid type, very free flowering, with flowers of a beautiful Gentian blue. Hardy Perennial.

Hybridum Fl. Pl.—Finest Double Mixed in a great variety of charming colors.Per pkt., 10c

For Annual Varieties See Larkspurs.

Heddewigii—(Single Japan Pink)—Flowers of the most wonderful coloring, beautifully marked. Per pkt., 5c.

DOUBLE ANNUAL VARIETIES.

Heddewigii Fl. Pl.—(Double Japan Pink)—Very large and double flowers of brilliant colors.....Pkt., 10c

Chinense Fl. Pl.—(China or India Pink)—Blossoms in clusters, with a brilliant assortment of colors. Per pkt., 10c

Plumarius—(Hardy Perennial Grass Pink, Scotch Pink or Pheasants Eye)—A single hardy perennial pink, with fringed edge, light colored flowers with a darker center various colored. The old-fashioned garden favorite. Per pkt.10c

DOLICHOS—(Hyacinth Bean, Daylight).....Pkt., 10c
This is a white form of the well known Hyacinth bean, and of most rapid growth and very free blooming habit. It has been known to bloom in 8 weeks from the time of sowing, at a height of ten feet. Annual.

DOLICHOS—(Hyacinth Bean)—Scarlet.....Pkt., 10c
A scarlet type of the same rapid growth as the preceding variety and very free flowering. Annual.



PINKS—(Dianthus Heddewigii)

DIANTHUS—(Pinks)—Single varieties. Annual. Hardy and half hardy biennials and perennials, but nearly all blooming the first year from seed; of easy culture. Seeds may be sown in the open ground where they are to remain, but better results are obtained, at least in the north, if plants are started in the house. White and dark crimson selfs, also white tipped light purple and shades of red with darker blotchings.

Crimson Bell—Rich Velvety Crimson.....Per pkt., 10c
Eastern Queen—Beautifully marked with rose and mauve. Per pkt.10c

ECHINOCYSTIS LOBATA—(See Wild Cucumber.)



Eschscholtzia.

ESCHSCHOLTZIA—(California Poppy)
State flower of California. A genus of the Poppy family, fully as valuable as the common Poppy for garden ornamentation, as it blooms almost continuously. Hardy annuals; height one foot.

California Poppy—

Peerless Mixedoz., 60c; Pkt., 10c
Fine Mixedoz., 25c; Pkt., 5c
YellowPkt., 10c
WhitePkt., 10c
RosePkt., 10c
Crimson KingPkt., 10c
Golden West.....Pkt., 10c

EUTOCA—(Viscida)—Intense Blue, per pkt.5c
Foliage dull green, covered with hairs; blossoms blue and striped, $\frac{3}{4}$ of an inch across, produced in terminal racemes. Succeeds best in warm sandy soil, not over rich. Sow in open ground early in spring, and thin to one foot apart. Hardy annuals one foot high.

FORGET-ME-NOT—(See Myosotis.)

FOXGLOVE—(Digitalis)—Mixed.....Pkt., 5c
Grows to the height of three or four feet, with dense spikes of brilliantly colored flowers which are terminal and half as long as height of plant. Colors, White, Lavender and Rose. A valuable flower in every perennial garden; does not usually blossom until the second year. Hardy biennials or perennials.

FOXGLOVE—(Digitalis)—GloxiniafloraPkt., 10c
This type of similar growth to the preceding variety, bears beautifully spotted flowers resembling the Gloxinia.



GAILLARDIA—(Annual Mixed.)

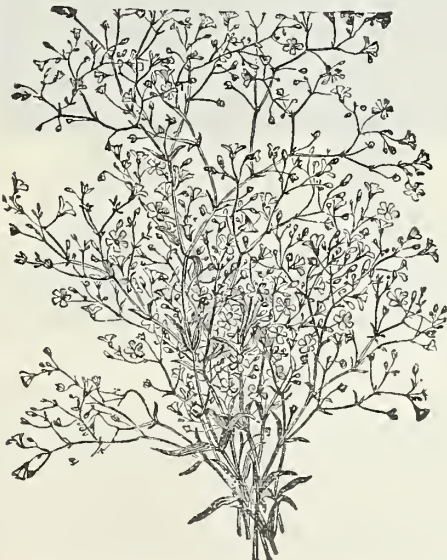
FOUR O'CLOCK—(Marvel of Peru).....Mixed Pkt., 5c
These flowers are funnel-shaped. Red, White, Yellow or striped with these colors and open about four o'clock in the afternoon, remain open all night and generally perish about noon next day. The abundance of new flowers produced daily afford a constant succession of fine blooms. Sow seed in open ground. Hardy annual; two feet high.

GAILLARDIA—(Picta Single Mixed).....Pkt., 5c
Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing to bloom from early summer till November; excellent for cutting, 1½ feet high. Annual.

GERANIUM—(Zonale)—Mixed.....Pkt., 5c

GOSETIA—Finest Mixed.....Pkt. 5c
A hardy annual growing from 6 to 10 inches high. Of compact growth with a profusion of satiny cup-shaped flowers in deep red, pink and white, shaded and blended. Valuable for bedding or massing.

GOMPHRENA, or Globe Amaranth. Mixed.....Pkt., 5c
A low growing hardy annual, everlasting or straw flower; about eight inches high, with globe-shaped flowers, in red or white. The plant makes a good border and is attractive, either while growing or dried.



Gypsophila—(Perennial Variety.)

GOURDS—(Cucurbita)—Mixed.....Pkt., 5c
A tribe of climbers with curiously shaped and colored fruit. Being of rapid growth they are fine to cover old fences, trellises, stumps, etc. Tender annual; ten to twenty feet high.

GOURDS—Separate varieties.....Pkt., 10c
Dipper, Nest Egg, Sugar Trough, Hercules Club.

GYPSOPHILA—(Annual)—Baby's Breath or Bridal Veil—
Oz., 30cPkt., 5c
Delicate, free flowering little plants covered with a profusion of white and pink, small star-shaped flowers. Well adapted for hanging baskets or edgings and valuable in conjunction with other flowers for making bouquets. Will thrive anywhere. An annual that should be in every garden.

GYPSOPHILA—(Paniculata)—Perennial.....Pkt., 10c
A graceful hardy plant, fine for cutting for bouquets; flowers in feathery white panicles; height 1½ feet.

GYPSOPHILA—(Rokejeka)—Perennial.....Pkt., 10c
A beautiful tall growing type, with delicate rosy pink blossoms. New.

HELIOTROPE—Mixed.....Pkt., 5c
Blooms from seeds the first year and as early as Sweet Peas or balsams. Heliotrope, although a tender perennial, will bloom as easily from seed as any of the common annuals.

HELICHRYSUM—(See Straw Flower.)

HOLLYHOCKS—Our seeds of this have been saved from the finest and largest double flowers only, and will produce flowers extremely double and in the best, brightest and most charming colors. Sow in April. May or June for next year's blooming. Perennials.

CHATERS DOUBLE VARIETIES—

Salmon.....	Per pkt., 10c	Yellow.....	Per pkt., 10c
Blood Red.....	Per pkt., 10c	Rose.....	Per pkt., 10c
White.....	Per pkt., 10c	Maroon.....	Per pkt., 10c
Pink.....	Per pkt., 10c	Crimson.....	Per pkt., 10c
Three pkts. of any of the above varieties.....		25c	
Six of any of the above varieties.....		50c	

Chaters Double Mixed.....	Per pkt., 5c and 10c
Allegheny Semi-Double Fringed.....	Mixed pkt., 10c

SINGLE ANNUAL VARIETIES—

HOLLYHOCK—(Annual)—Single Mixed.....	Pkt., 10c
HOLLYHOCK—(Annual)—Single Red.....	Pkt., 10c



Hunnemannia—(Bush Eschscholtzia.)

HUNNEMANNIA OR BUSH ESCHSCHOLTZIA.....Pkt., 10c
Known also as the Santa Barbara Poppy. An erect-growing tender perennial, about two feet high. Foliage fine cut and feathery. Blossoms beautifully, cup-shaped, bright yellow and about three to four inches across. Stems long and smooth. There are few more satisfactory flowers in the garden than the Hunnemannia.

HUMULUS—(Jap. Var.).....Pkt., 10c
Variegated Japanese Hops. Quick growing vine for veranda or trellis. Annual; not subject to insect pests; very handsome; stand drouths well.

HYACINTH BEAN—(See *Dolichos*.)

IPOMEA—(Mikado).....Pkt., 10c
New improved Japanese Convolvulus of grand variety, flowers measuring from 4 to 5 inches across, great variety of colors, very handsome foliage.

ICE PLANT.....Pkt., 5c
Pretty summer trailing annual for vases and rock work; leaves covered with ice-like drops.

KENILWORTH IVY.....Pkt., 10c
A charming trailing plant, especially adapted for hanging baskets.



Kochia Trichophylla.

KOCHIA OR MEXICAN BURNING BUSH.....Pkt., 5c
Grows quickly from seed sown in the open ground. The plants are of rounded or globe-like form. Early in the fall the ends of the shoots are thickly set with small bright scarlet flowers, the bushy plants resembling balls of fire; makes a good summer hedge.

KUDZU VINE—(*Pueraria Thunbergiana*).....Pkt., 10c
To this must be awarded first place as the fastest growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it becomes established there seems to be no limit to its growth. Its foliage is large and covers well; bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. A splendid subject for covering permanently verandas, dead trees, etc.

LARKSPUR—(Annual *Delphinium*)—This hardy annual is one of the best of garden plants. Sown indoors early in the season, and transplanted to the open ground as soon as safe from frost, will produce blooming plants in July, which will continue in flower until frost. A splendid cut flower.

Emperor—Fine Double Mixed.....Per pkt., 10c

Hyacinth Flowered—Dwarf, Double Mixed.....Per pkt., 10c

Finest Mixed.....Per pkt., 5c
For Perennial Varieties see *Delphiniums*.

LATHYRUS—(Everlasting Sweet Pea.) See Sweet Peas.

LINUM—(Scarlet Flax).....Pkt., 5c
Distinguished for their brilliant colored flowers which are crimson with black center, saucer-shaped, and very conspicuous in bed or border. The foliage of the plant is slender and delicate. Height 1½ feet. Hardy annuals.

LINUM—(Perenne).....Pkt., 10c
A fine deep blue variety, growing about 18 inches. Hardy perennial.

LINUM—(Album).....Pkt., 10c
A handsome white variety of the hardy flax. Perennial.

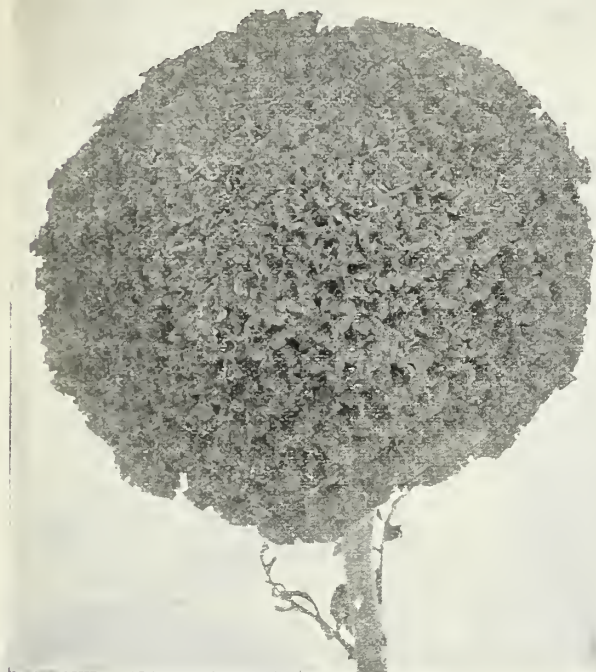


Lupinus.

LUPINUS, OR LUPINS—Mixture of all colors.....Pkt., 5c
Hardy annuals in great variety, growing from one to three feet high, and bearing spikes of pea-shaped flowers. Of the easiest culture. Sow in the open ground and thin to six inches apart.

LOBELLA—(Crystal Palace)—Blue.....Pkt., 10c
An elegant and useful genus of plants of easy culture and well adapted for bedding. They make a neat edging for beds and are very effective in masses, being always completely covered with flowers. Annual.

LOBELLA—(Speciosa).....Pkt., 5c
A trailing variety with deep ultramarine blue flowers. Very fine for hanging baskets and boxes.



Marigold—(African Double.)

MARIGOLDS—Old-time favorites of most easy culture and growth. One of the most showy annuals with their wonderful shades of yellow. Require a light soil and full exposure to the sun to get best results.

African Marigolds—Tall.

Eldorado—Flowers very large, imbricated and very double. Colors in all shades of yellow. Per pkt., 10c

Lemon Queen—Large flowered variety with lemon yellow flowers. Per pkt., 10c

Prince of Orange—A very large and showy variety, with very double flowers of a rich deep golden-orange color. Per pkt., 10c

Tall African Double Mixed.....Per pkt., 5c

Dwarf French Marigold—The dwarf French Marigolds rarely exceed one foot in height, and their most beautifully marked flowers of all shades of yellow and brown, are exceedingly attractive. Mixed.....Per pkt. 5c

MATHIOLA BICORNIS—(Evening Scented Stock).....Oz. 25c Pkt. 10c

No annual in cultivation equals this in delicate perfume of its flowers. The pink and lilac blossoms partly close during the day, but expand and impart their fragrance in the evening. Include with your order a packet or two of Evening Stock. You will not regret it.

MATRICARIA—(Feverfew)—Double white.....Pkt., 10c

A favorite bedding plant and profuse bloomer.



Mignonette—(Sweet Scented.)

MIGNONETTE—(Sweet Scented).....Oz., 25c; pkt., 5c

A well known hardy annual, producing dense spikes of exceeding fragrant flowers. If sown at intervals in spring and summer, it will bloom till killed by frost. Thrives best in a cool temperature.

MIGNONETTE—(Golden Machel).....Oz., 50c; pkt., 10c

A compact growing variety with medium long, thick spikes of yellow florets.

MIGNONETTE—(Pure Machel).....Oz., 50c; pkt., 10c

A compact growing variety with thick spikes and large florets of a copper color.

MIGNONETTE—(Allan's Defiance).....Pkt., 10c

Very fine, long spikes, splendid for cutting.

MIGNONETTE—(White Goliath).....Pkt., 10c

A very fine white, with large spike.

MIGNONETTE—(Pearl or Goliath).....Pkt., 10c

Enormous spikes of double red flowers.

MIGNONETTE—(Victoria).....Pkt., 10c

A large flowered crimson variety.

MIGNONETTE—(Rubin).....Pkt., 10c

A rich copper-scarlet, the darkest of the family. Very compact and dwarf habit.

MOON FLOWER.....Pkt., 5c

So called from its rare peculiarity of blooming best at night, although it also expands its flowers on dull days. It is a beautiful climber, producing large, sweet-scented flowers 4 to 5 inches across. Tender annuals, 15 to 20 feet. Soak seed and plant in warm sunny place.

MUSK PLANT—(Minulus Moschatus).....Pkt., 5c

Foliage emits a strong musky perfume; yellow; fine for hanging basket.

MYOSOTIS—(Forget-Me-Not).....Pkt., 5c

Neat and beautiful little plants with star-like flowers; succeeding best in a shady, moist situation; half hardy perennials; blooming the first year from seed if sown early. The true Forget-Me-Not; beautiful blue flowers.

MOURNING BRIDE—(See Scabiosa.)

LOVE-IN-A-MIST—(See Nigella.)

NASTURTIUMS—(Tall or Climbing)—Named colors.

¼ lb., 50c; 1 oz., 20c; ½ oz., 10c

Chameleon—Different colored flowers on the same plant.

Prince Henry—A fine Lemon Yellow.

Vesuvius—Salmony rose, dark leaved.

Spitfire—Brilliant orange-vermillion.

Black Prince—Velvety, purplish-crimson, dark foliage.

Queen—Variegated leaves and various colored flowers.

NASTURTIUMS—(Tall Prize Mixed).....Price, 1 lb., \$1.50

¼ lb., 40c; 2 oz., 25c; 1 oz., 15c; pkt., 5c

For richness and variety of color these have no equal among Nasturtiums. Some of the most striking are: White, Shaded Carmine, Deep Maroon Throat, Golden-yellow, shaded Brown edges; Yellow, shaded and mottled Carmine; bright Yellow, etc.

NASTURTIUMS—(Dwarf Varieties)—Named colors.

¼ lb., 50c; 1 oz., 20c; ½ oz., 10c

King of Tom Thumbs—Glowing scarlet dark foliage.

Prince Henry—Cream spotted and tipped with red.

Ruby King—Rich crimson rose.

Vesuvius—Salmony-rose, dark foliage; very bright.

Cloth of Gold—Scarlet flowers and yellow foliage.

Golden Midnight—The foliage is of a yellowish green, with flowers of a very dark maroon, the contrast producing a most wonderful effect.

NASTURTIUMS—

(Dwarf Prize Mixture)—Price, 1 lb., \$1.50; ¼ lb., 40c; 2 oz., 25c; 1 oz., 15c; Pkt., 5c

This is undoubtedly the finest mixture of Dwarf Nasturtiums offered any where.

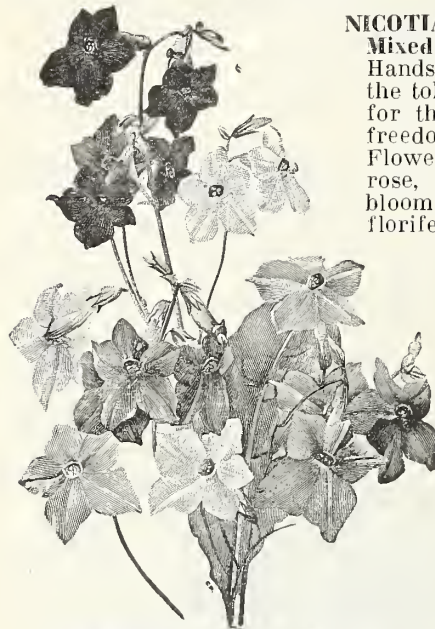
Every shade is grown separately and we blend this mixture on our own premises, under our own personal supervision.



LOBB'S NASTURTIUM.

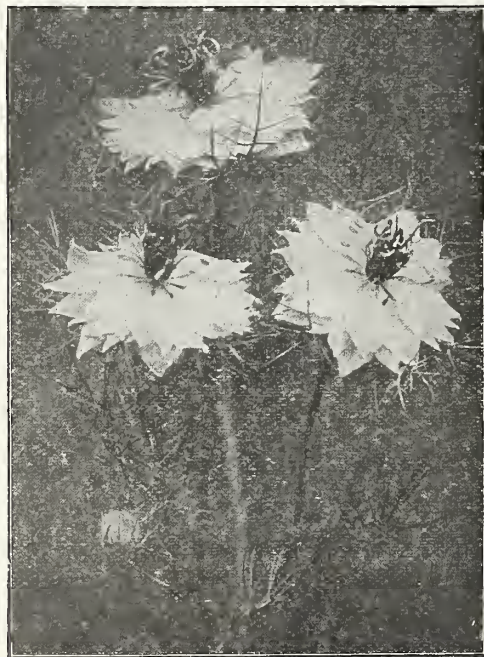
NEMOPHILA—(Love Grove)—Mixed.....Pkt., 5c
 Of dwarf spreading habit. It is well-adapted for border or pot culture. The flowers are exquisitely colored, blotched and spotted; they are quite apt to sport into an endless variety of shades, from black and blue to the lighter shades. Sow in spring and thin to 1 foot apart. Hardy annual; 6 inches high.

NICOTIANA—(Mixed)—Large flower.....Pkt., 5c



Nicotiana (Sanderac Mixed.)

NICOTIANA — (Sanderac, Mixed Hybrids) Pkt., 10c
 Handsome garden plants of the tobacco family valuable for the long duration and freedom of their bloom. Flowers white, carmine-rose, or violet; is in full bloom during the day. Very floriferous.



Nigella.

NIGELLA—(Love-in-a-Mist or Devil-in-a-Bush)—This is a low growing annual, producing blue and white flowers in great profusion. The flowers are followed by curiously formed seed pods. The foliage is very pinnate or finely cut. Of compact habit. One foot.

Damascena.....Per pkt., 5c

OENOTHERA RUBICALYX—(California Evening Primrose)—This is a novelty among the evening primroses of great beauty for the garden. The combination of red stems with red buds and yellow flowers make it a beautiful and striking plant in any collection of hardy annuals. Pkt.10c



Oenothera Rubicalyx.
 (Evening Primrose "California.")

PANSIES

These popular flowers thrive best on a cool, moist but well-drained soil, enriched with well-rotted barnyard manure or fine ground bone. Seeds sown early will produce fine plants for autumn blooming. The proper method is to sow in July or August and protect the plants during the winter when they will flower continuously the next spring and summer. Our Pansies are renowned for size and color.



BEDDING VARIETIES.

Cardinal—The most brilliant red.

Couquette de Poissy—A beautiful pale rosy mauve, very striking.

Emperor William—Dark ultramarine eyes.

Fire King—Red and yellow with brown eyes.

Fairy Queen—Blue with azure margin.

Wall Flowered—Colored brownish and gold.

Gipsy Queen—Terra Cotta and bronze.

Gold Margined—Dark with gold margins.

King of Blacks—Almost coal dark.

Lord Beaconsfield—Deep purple violet shading off in top petals to white.

Meteor—A bright Terra Cotta.

Purple Bedding—(Artropurpurea)—Rich deep purple.

Victoria—Very large bright blood red. Violet blotched.

White—Pure, without eye.

Yellow—Pure, without eye.

Per pkt.10c

Finest Bedding Mixed.....1/4 oz., 50c; pkt., 5c

EXHIBITION VARIETIES.

Brittania—A grand mixture of new shades, with large flowers of great substance.....Pkt., 10c

Matchless—A wonderful strain, with a wide range of colorsPkt., 10c

New Curled—A handsome type, with curled edges and in various colors.Pkt., 10c

Masterpiece—(New Giant)—The flowers are perfectly round and contain the richest combination of colors, each petal being distinctly marked with a dark blotch; most of the flowers are margined with white or yellow edge and have long stems. Per pkt.10c

S. N. & S. Co.'s Peerless Mixed.....Per pkt., 10c

S. N. & S. Co.'s Premium Mixed.....Per pkt., 20c

PETUNIAS



Petunia—S. N. & S. Co.'s Double Mixed.

PETUNIA—(S. N. & S. Co.'s Double Mixed).....Pkt., 25c
New large flowers; our strain is the best that can be secured from any source at any price.



Petunia (Single Fringed.)

PETUNIA—(Howard Star).....Pkt., 10c
Crimson-Maroon, with a well defined five-pointed star of bluish white.

PETUNIA—Large flowering. All colors, single fringed and ruffled.Pkt., 10c

PETUNIA—Blotched and Striped......Pkt., 10c
A splendid selection of wonderful coloring.

PHLOX—Drummondii

Unquestionably one of the finest annual bedding plants grown. Sown in the open ground, immediately all danger of frost is past, and in a few weeks they are a mass of brilliant hued bloom, continuing until cut down by frost.

Alba—Pure whitePer pkt., 10c

Coccinia—Fine scarletPer pkt., 10c

Oculata—White with purple eye.....Per pkt., 10c

Isabellina—YellowPer pkt., 10c

Radowitzii—Rose and white eye.....Per pkt., 10c

Peerless MixedPer pkt., 10c

Fine MixedPer pkt., 5c



Phlox—Drummondii.

POPPIES

Annual Poppies should be sown as early in the spring as possible; they do not stand transplanting. Sow very thinly, barely covering the seed. Press down firmly, and they will come up in a few days. It is well to make several sowings at intervals to keep up a succession of bloom. If picked just before expanded, the flowers will last several days.

SINGLE ANNUAL VARIETIES.

POPPY—(Miss Sherwood)—Satiny white. Oz., 50c; Pkt., 10c
Shaded on fringed margin with salmon rose. Height 2 feet.

POPPY—(Single Annual)—Mixed colors, Oz., 25c; Pkt., 5c
Gorgeous colorings, easily grown from seed sown in the open ground, where they are to remain.

POPPY—(Tulip or Glaucum Flowered)—Oz., 50c; pkt., 10c
Intense scarlet single blossoms. The brightest colored of all Poppies.



Shirley Poppies.

POPPY—(Select Shirley)—Mixed colors Oz., 50c; pkt., 10c
An extra fine strain of charming Poppies. They are single and occasionally semi-double and range in color from the purest white through the delicate shades of pale pink, rose and carmine to the deepest crimson and blood red, while many are dainty edged and striped. In fact, so varied are they that scarcely any two flowers are alike.

POPPY—(Dannebrog, or Danish Cross) Oz., 25c; pkt., 5c
Very showy variety, producing large flowers of brilliant scarlet, with a silvery white spot on each petal, forming a white cross.

POPPY—(Admiral).....Oz., 60c; pkt., 10c
White margined with brilliant scarlet. A very fine new color.



Double Carnation or Peony Flowered Poppy.

DOUBLE ANNUAL VARIETIES.

These Poppies are very handsome. The flowers grow to an enormous size, from 6 to 7 inches in diameter, are as double as Peonies and the colors are very rich and striking.

POPPY—(Double Carnation or Peony Flowered, Mixed)
Oz. 25c; pkt.....5c
Large, full, double fringed flowers, 2 feet high.

POPPY—(Cardinal Scarlet).....Oz., 30c; pkt., 10c
Splendid double fringed flowers.

POPPY—(White Swan)—Immense double white flowers, beautifully fringed.....Pkt., 10c

POPPY—(Double Salmon Pink).....Oz., 60c; pkt., 10c
A beautiful shade and a favorite with all.

POPPY—(American Flag).....Oz., 40c; pkt., 10c
Beautiful variety; flowers very large and double; snow-white, bordered with scarlet.

POPPIES—PERENNIAL VARIETIES.

Hardy perennials of easy culture; in bright, glowing colors. bloom first year from seed.

POPPY ORIENTAL—(Papaver Orientale).....Pkt., 10c
This is the most gorgeous perennial Poppy flowering in June and July, with enormous blossoms often measuring 5 to 7 inches across, deep crimson, with a conspicuous black blotch on each petal. Transplanting should be done carefully. The best time to lift plants is in August.

POPPY ICELAND—(Papaver Nudicaule).....Pkt., 10c
Pretty tufted foliage, flowers on long wiry stems in shades of white, yellow and vermillion, with satiny crinkled petals; beautiful flowers in greatest variety of colors.

POPPY — (Oriental Hybrids) — Mixed
Pkt.10c
Beautiful hybrids of the Oriental Poppy, producing flowers of immense size, 6 inches and over in diameter, and of many novel colors, ranging from delicate shades of salmon to deep crimson.

PORTULACA—(Moss Rose or Sun Plant)
Single Mixed.....Pkt., 5c

PORTULACA—Double Mixed.....Pkt., 10c
Low-growing or creeping tender annual six to eight inches high, and bearing glossy, cup-shaped blossoms in very brilliant and gorgeous colors. The foliage and stems are thick. The seed germinates slowly and should be started under the glass or when the weather is hot. These flowers love the sunshine and do best on rather dry ground; excellent for embankments.

PYRETHRUM AUREUM — (Golden Feather).....Pkt., 10c

A most desirable dwarf Pyrethrum for edging of borders, with golden yellow foliage.

PYRETHRUM ROSEUM HYBRIDUM GRANDIFLORUM—A large flowered type, with bright colored and attractive blooms for cutting. The flowers are light pink to deep carmine, with yellow center.....Pkt., 10c



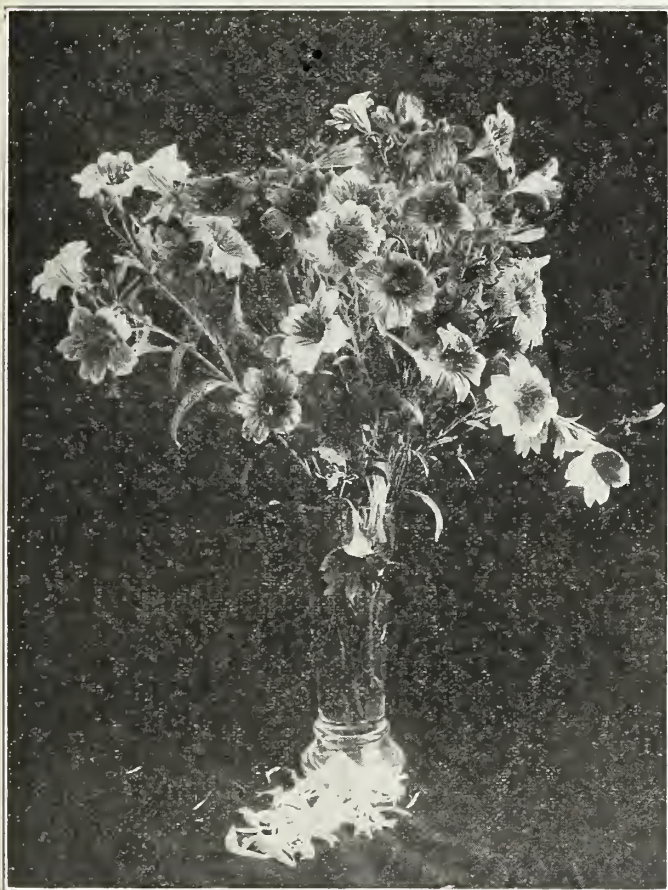
Poppy Oriental.

DO YOU WISH A FINE LAWN?

Sow Rocky Mountain Lawn Grass Seed.

Send for our Pamphlet on Lawns, FREE on Application.

- PHYSALLIS**—Franchetti (Alkekengi)Pkt., 10c
The winter cherry. A splendid plant to grow in pots for winter decoration bearing bright red fruit in great profusion. Known as Chinese Lantern Plant.
- RICINUS**—(See Castor Oil Bean.)



Salpiglossis (Finest Mixed.)

- SALPIGLOSSIS**—(Painted Tongue)—Finest Mixed, all colors.....Pkt., 5c
One of the greatest favorite annuals of easy culture, beautiful orchid-like flowers, produced from early summer until late fall. Seed should be sown early in spring in a hot bed or window and transplanted when weather is settled or directly out of doors after danger of frost.

- SALPIGLOSSIS**—(New Emperor).....Pkt., 10c
Large improved strain with a complete range of colors.

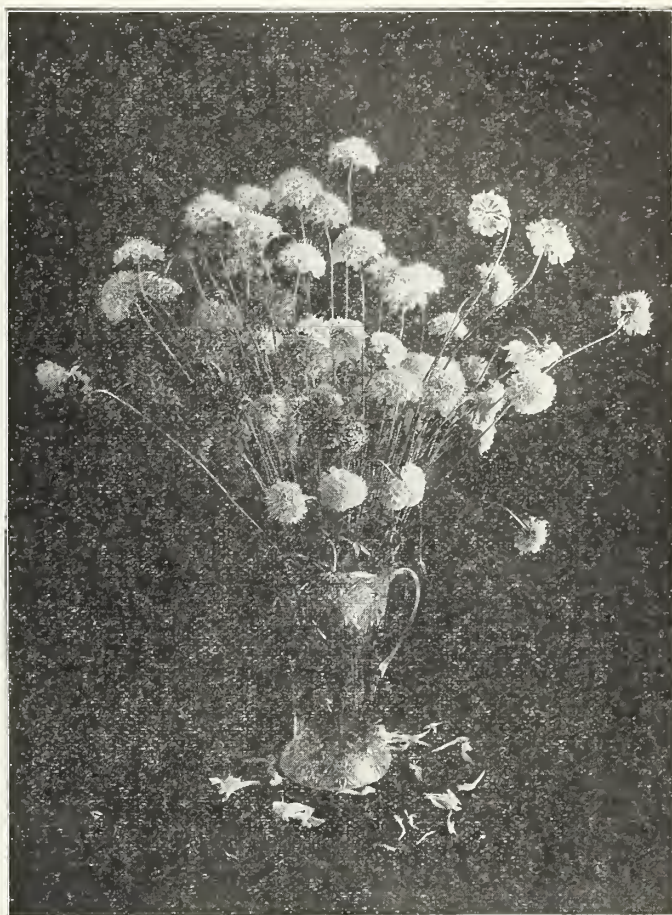
- SALVIA**—(Scarlet Sage).....Pkt., 5c
A tender perennial, blooming the first season from seed. The blossoms are borne on long stems in racemes or spikes and are fragrant. The plant blooms profusely.

- SAPONARIA**—(Calabrica)—1 footPkt., 10c
Dwarf annual with small pink starry flowers borne in profusion; excellent for edgings or small beds.

- SCABIOSA**—(Mourning Bride, or Pincushion Flower)
They grow about 2½ feet high, and come into bloom early in July and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut, keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosa, especially when flowers are wanted for cutting.

- Azure Fairy**—Clear Lavender Blue.....Pkt., 10c
Snowball—Pure White.....Pkt., 10c
Golden Yellow.....Pkt., 10c
Tall Double Mixed.....Pkt., 10c
Dwarf Choice Mixed.....Pkt., 5c

See Index on last page, for complete list of varieties of Seeds and Plants listed in this Catalog.



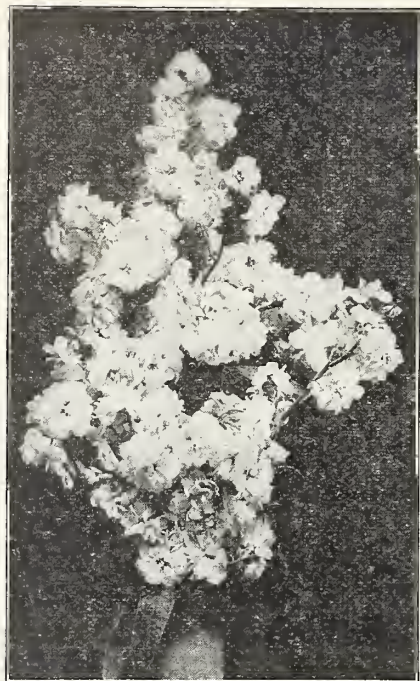
Scabiosa (Mourning Bride.)

- SCHIZANTHUS**—(Butterfly or Fringe Flower.)—Mixed Pkt.5c
Called the "poor man's orchid" on account of their easy culture and resemblance in form and variety of coloring to some of the floral aristocrats. Sown out of doors in spring where they are to remain, or started inside and transplanted when the weather is suitable.
- SHAMROCK**—True small leaved.....Pkt., 10c
SHASTA DAISY—(See Chrysanthemum.)
SNAPDRAGON—(See Antirrhinum.)



Statice.

- STATICE**—(Sea Lavender)—Hybrids, mixed.....Pkt., 10c
These useful plants bear everlasting flowers that last a long time after cutting, and are very easy of culture.



Stocks.

STOCKS—(Gilliflower)—The stock is one of our very best annuals, either for bedding purposes or for pot culture. Their wonderful range of colors, and unequalled fragrance make them extremely valuable.

Improved Large Flowering 10 Week Stocks.

Blood Red.....	Pkt., 10c	Light Blue.....	Pkt., 10c
Rose.....	Pkt., 10c	Purple.....	Pkt., 10c
Canary Yellow.....	Pkt., 10c	Pink.....	Pkt., 10c
White.....	Per pkt., 10c	Mixed—All colors, pkt.,	5c

MAMMOTH FLOWERING BEAUTY STOCKS—Early flowering or winter stocks, of a very branching habit. Largely grown for winter cutting by florists, and for greenhouse decoration. For outdoor use, sow in March, will then bloom from July to frost.

Beauty of Nice—Flesh pink.....Per pkt., 10c

Princess Alice—White.....Pkt., 10c

Queen Alexandria—Rose.....Pkt., 10c

Stock Evening Scented—See *Mathiola Bicornis*.

VIRGINIA STOCKS—Mixed.....Pkt., 5c

STRAWFLOWER—(Everlasting)—These are pretty annuals with straw-like flowers that keep their form and color for years.

Acrolinium—Graceful and pretty half-hardy annuals, pretty in beds or pots.....Pkt., 5c

Ammobium Alatum—Two feet. Large flowered, with handsome double white flowers; useful either in the garden or for winter bouquets; cut before the buds open.Pkt., 10c

Helichrysum—Showy, easily grown annuals for the border; fine for winter bouquets; cut before the buds expand. Mixed Colors.....Pkt., 5c

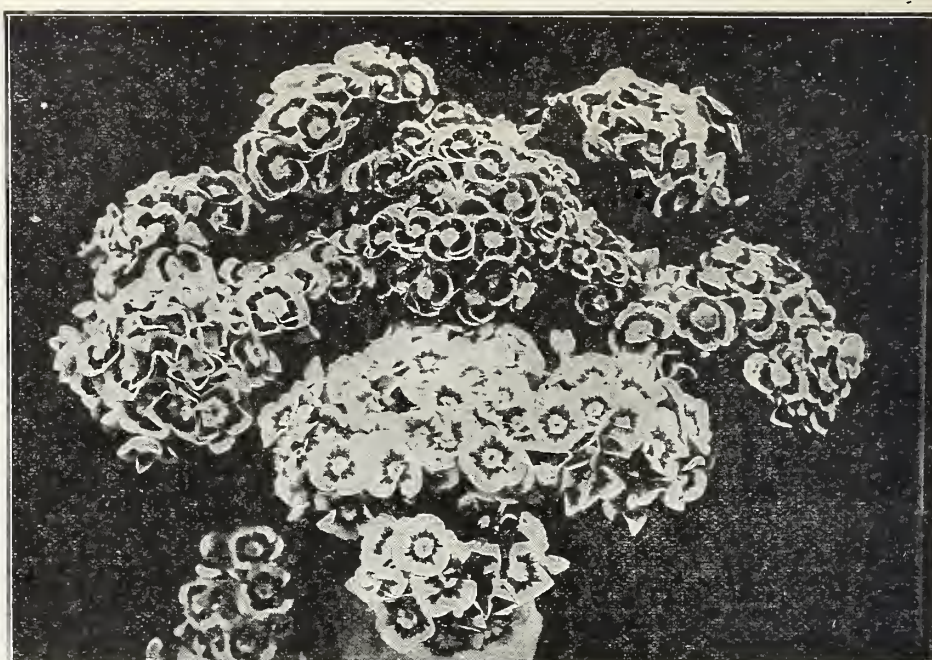
Xeranthemum—A hardy annual, 4 foot high bearing handsome double flowers on long stems; colors mostly white, blue and purple; cut when fully developed. One of our best everlastings and easily grown.....Pkt., 5c

SUNFLOWER—(Mammoth Russian).....Lb., 25c; pkt., 5c

SUNFLOWER—(*Helianthus Californicus*).....Oz., 25c; pkt., 5c
Chrysanthemum flowered. Hardy annuals, growing from 3 to 6 feet. Large densely double golden flowers. Fine, long stout stems for cutting.

SUNFLOWER—(Red New).....Pkt., 10c
Single, large red flowers, merging to yellow at tips of petals, very showy, height about 6 feet.

SUNFLOWER—(Starlight) Canary Yellow.....Pkt., 10c



Sweet William (Single. Mixed.)

SWEET ROCKET—(*Hesperis*)—Mixed.....Pkt., 5c
A hardy perennial, growing two to three feet high. An old-fashioned, fragrant flower of the easiest culture and bearing clusters of white and purple blossoms.

SWEET WILLIAM—(*Dianthus Barbatus*)—A beautiful sweet scented old-fashioned perennial. Grows one to two feet high and bears its flowers in clusters at the end of a stiff stem. The individual flowerets are handsomely colored and marked. It makes a beautiful bedding plant and is of easy culture. Hardy Perennial.

SWEET WILLIAM—(Single Varieties)—Mixed.....Pkt., 5c
More attractive than the double.

SWEET WILLIAM—(New Hybrids)—Mixed.....Pkt., 10c
A mammoth flowered single type of great beauty and value.

SWEET ALYSSUM—(See *Alyssum*.)

SWEET PEAS—(See pages 80 to 83.)

THUNBERGIA—(Black-Eyed Susan).....Pkt., 5c
A beautiful tender climber, 3 to 5 feet high, with pale yellow or orange-yellow flowers having a distinct black center. Tender annual.

VERBENAS—(See next Page.)

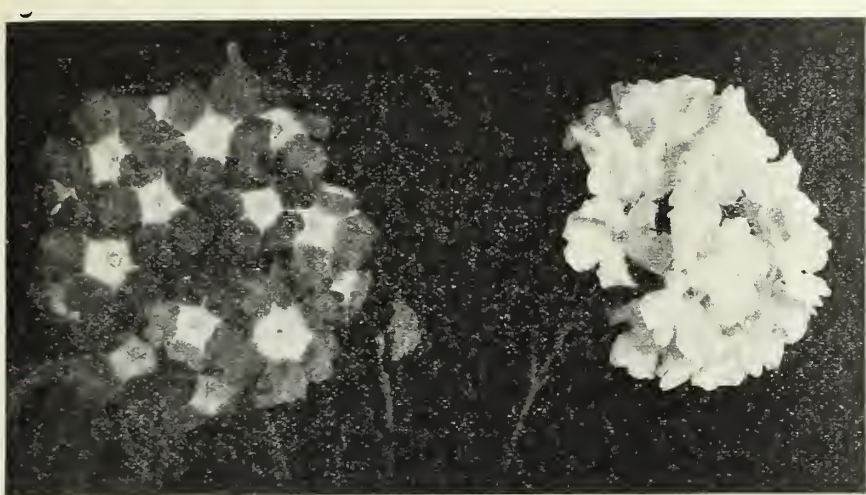
VERONICA—(Speedwell).....Pkt., 5c
Long spikes of brilliant blue flowers, excellent for growing in shady places and requiring plenty of moisture. Hardy perennial.

VERONICA—(*Longifolia*).....Pkt., 10c
A beautiful species, with rich deep blue flowers.

WALLFLOWER—(Gold Lack)—Single mixed.....Pkt., 5c
Wallflowers should be better known, their adaptability for pot culture and out-door bedding and their very sweet odor should win favor.

WALLFLOWER—(Early Paris Market).....Pkt., 10c
This variety, if sown in March, will bloom in July.

WALLFLOWER—(Blood Red).....Pkt., 10c
This is a much improved and selected stock of the Annual Wallflower brought out some years since. We have ever since been carefully selecting this, and each year getting nearer to a good blood red, and at last we have succeeded. If sown in March, can be had in bloom the following July.



Mammoth Verbenas.

VERBENAS

Verbena seed should be soaked in luke-warm water before planting and care taken that the soil be very rich. Half hardy perennial trailer.

VERBENAS—MAMMOTH.

- | | | | |
|--|---------------|--------------------|-----------|
| Pink | Pkt., 10c | Striped | Pkt., 10c |
| White | Pkt., 10c | Scarlet | Pkt., 10c |
| Purple | Pkt., 10c | Rose & Pink Shades | Pkt., 10c |
| Fine Mixed—All colors. | Per pkt., 5c | | |
| Peerless Mixed—Embracing a wide range of beautiful colors, the blooms being of mammoth size. | Per pkt., 10c | | |

VERBENAS—AURICULA EYED—(Choice Mixed)—A most beautiful array of Auricula Eyed blooms of brilliant colorings. Per pkt., 10c
Defiance—Brilliant Scarlet Pkt., 10c
Firefly—Red with small white eye. Pkt., 10c
Lutea—Yellow. A unique color among Verbenas. Very fine. Pkt., 10c

WHITLAVIA GLOXINOIDES—Blue with white throat. Per pkt. 10c

WHITLAVIA Pkt., 5c
An easily grown, hardy annual, bearing small violet-blue cup-shaped blossoms. Plants one foot high. Sow seed in open ground in spring and thin the young plants.

WISTERIA—(Sinensis Purple) Pkt., 5c
One of our most popular hardy climbers. The flowers are abundantly borne in spring on long drooping racemes of light blue before the leaves appear.

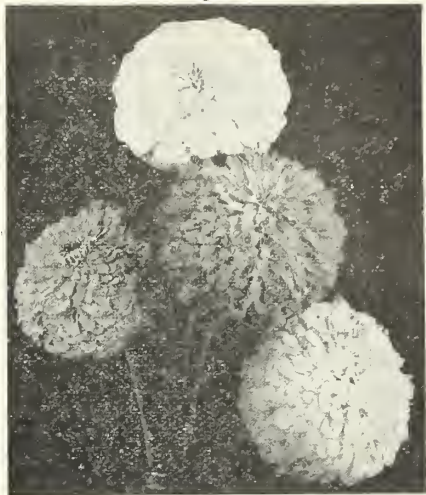
WISTERIA—(Sinensis Alba)—White. Pkt., 10c

WILD CUCUMBERS ¼ lb. 40c; oz., 15c; pkt., 5c
Ornamental climbing cucumber with curious fruit, remarkable for its luxuriance and rapidity of growth.

WILD FLOWER GARDEN MIXTURE—oz., 25c; pkt., 5c
A delightful surprise to thousands of flower lovers. Not a tame garden of wild flowers, but a wild garden of tame flowers. A mixture of the choicest seeds, mostly annuals, to be sown haphazard, in a promiscuous way.

ZINNIA
(YOUTH AND OLD AGE.)

A half hardy annual growing from 1 to 2 feet high. The colors are in great variety and very bright. Probably no flower has such an assortment of shades, tints and colors, and no bedding plant is more effective for a brilliant show. Sow in boxes early and transplant.



Zinnia Elegans.

ZINNIA—ROBUSTA OR GIANT—

- | | |
|---------------------------|-----------|
| Tall Double—White | Pkt., 10c |
| Tall Double—Flesh | Pkt., 10c |
| Tall Double—Scarlet | Pkt., 10c |
| Tall Double—Yellow | Pkt., 10c |
| Tall Double—Crimson | Pkt., 10c |
| Tall Double—Mammoth Mixed | Pkt., 10c |

ZINNIA ELEGANS—

- | | |
|------------------------------|-----------|
| Dwarf Double—White | Pkt., 10c |
| Dwarf Double—Scarlet | Pkt., 10c |
| Dwarf Double—Buff and Yellow | Pkt., 10c |
| Dwarf Double—Crimson | Pkt., 10c |
| Dwarf Double—Striped | Pkt., 10c |
| Dwarf Double—Mixed | Pkt., 5c |

ZINNIA GRACILLIMA COCCINEA—(Little Red Riding Hood) Pkt., 10c

A superb dwarf variety, growing about one foot high, and literally covering itself with brilliant red blooms about one inch in diameter. Very effective both as a border plant and also when massed.

ZINNIA—(Curled and Crested)—Mixed. Pkt., 10c
A fine mixture of colors. The petals are curled and the flowers large and attractive.



Zinnia Robusta.

SPENCER SWEET PEAS

The Waved Type

Our Sweet Peas are carefully grown by experienced men, from selected Stock Seed, and better seed cannot be had in this country than is supplied by us.

Our 8-page Booklet on Sweet Pea culture is compiled especially for Montana conditions and contains valuable information for the Sweet Pea lover. We will mail you a copy Free on request.

Alphabetical List of Spencer Sweet Peas for 1918

The true Spencer type should always bear an "open keel." The real determining feature of a true Spencer is found in the keel.



Spencer Sweet Pea—Aurora.

AMERICA—Per packet, 10c; oz., 40c. White ground heavily striped and flaked with bright crimson scarlet. A large, bold flower of splendid form.

APPLE BLOSSOM—Per packet, 10c; oz., 40c. Very large bold flower of best Spencer form. Standard very bright rose wings primrose with flush of rose tint. A grand, robust variety.

ASTA OHN—Per packet, 10c; oz., 40c. The best lavender Sweet Pea. Is more truly a soft pinkish lavender self. Flowers are very large and beautifully waved. A very charming variety.

AURORA—Per packet, 10c; oz., 40c. Flowers white, mottled and flaked with bright orange pink. Splendid form and nicely waved. A very pretty flower and one of the finest and largest Spencers.

BEATRICE—Per packet, 10c; oz., 40c. The standard is a mingling of blush and buff; the wings are pure pink. Of good Spencer form, but not so large as Countess Spencer.

BERTRAND DEAL (Improved)—Per packet, 10c; oz., 50c. Large, rosy lilac of great vigor. Flowers of splendid form and substance. Very fine for cutting.

BLANCHE FERRY—Per packet, 10c; oz., 40c. A giant type of Spencer form with rose standard and wings white, suffused and tinted with light pink.

CAPTAIN OF THE BLUES, or WAVERLY SPENCER—Per packet, 10c; oz., 40c. Pure purple. The margin of the petals is marbled. Very large and distinct.

CLARA CURTIS—Per packet, 10c; oz., 40c. A beautifully waved cream, good substance, stems usually have four large flowers—a superior strain of Primrose Spencer.

COUNTESS—Per packet, 10c; oz., 40c. The original giant flowered Spencer with finest waved standard and wings clear pink, deepening somewhat towards the edge, but almost self-colored. Still one of the best Sweet Peas of today.

DOBBIES, GEO HERBERT, LAVENDER—Per packet, 10c; oz., 50c. A very clear, bright lavender.



Spencer Sweet Pea—Margret Atlee.

SPENCER MIXED HYBRIDS— $\frac{1}{4}$ -lb., \$1.50; oz., 50c; $\frac{1}{2}$ oz., 25c. A splendid mixture, blended carefully. Has pleased thousands of our customers.

SPECIAL OFFER OF SPENCER SWEET PEAS.

We will send you one package each of the 53 varieties listed for.....\$4.00
Your choice of any 15 varieties, 1 package each.....\$1.20
Our choice of any 15 varieties, 1 package each.....\$1.00

DUPLEX—Per packet, 10c; oz., 40c. A rich cream pink. Practically all the plants give flowers with double or triple standards.

ELFRIDA PEARSON—Per packet, 10c; oz., 50c. Giant pale pink on white ground. Plants exceptionally vigorous. Most useful pink for decoration and exhibition.

EMPRESS EUGENIA—Per packet, 10c; oz., 40c. Lilac, striped on white.

ENCHANTRESS—Per packet, 10c. Bright pink, shading a little deeper at the edges. Practically the same as Countess.

ETHEL ROOSEVELT—Per packet, 10c; oz., 40c. Light buff primrose, with light pink flakes and stripes.

FLORA NORTON—Per packet, 10c; oz., 30c. Very nicely waved. The color is bright blue with tint of purple.

FLORENCE MORSE—Per packet, 10c; oz., 40c. Standard richly flushed with a beautiful and distinct shade of pink; wings soft blush pink, giving the flower a charming appearance; very large and wavy.

FLORENCE NIGHTINGALE—Per packet, 10c; oz., 40c. A very large, finely waved bluish lavender.

GAIETY—Per packet, 10c; oz., 40c. The best bright colored stripe in existence. This is really a handsome Pea. The color is bright rose crimson, striped and splashed on ivory white. Very vigorous and four flowers to each stem.

GEO. HERBERT—Per packet, 10c; oz., 40c. A large Spencer rose crimson, suffused with magenta and showing veins in wings.

HELEN LEWIS—Per packet, 10c; oz., 40c. A very large and fine orange salmon pink, with especially bright orange standard.

HERCULES—Per packet, 10c. A giant clear pink both standard and wings, vigorous vines and fine long stems. Flowers extra large and fine.

ILLUMINATOR—Per packet, 10c; oz., 50c. A glorious orange salmon Sweet Pea of rare beauty and great vigor.

JOHN INGMAN—Per packet, 10c; oz., 40c. A fine rich rose crimson, with veins of deeper shade. Very bright. Similar to Geo. Herbert.

MARY GARDEN—Per packet, 10c; oz., 40c. A very light cream pink. One of the new Spencers.

MARIE CORELLI—Per packet, 10c; oz., 40c. A bright growing crimson almost self-color. Fine large flower. Beautifully waved.

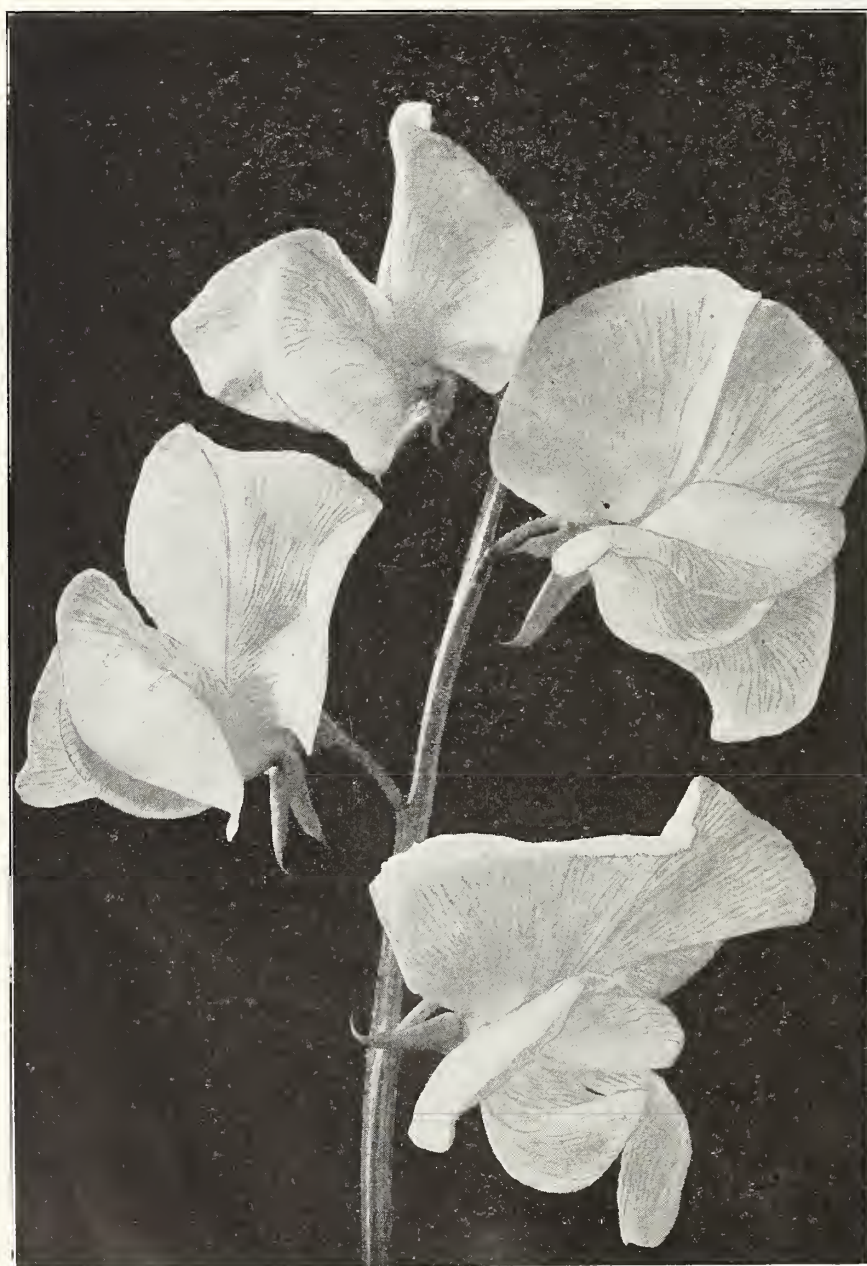
KING EDWARD—Per packet, 10c; oz., 45c. The best pure red Spencer, very large, with especially immense wings. Every one should grow this variety. Our strain is quite sun-proof.

KING WHITE—Per packet, 10c; oz., \$1.25. Finest pure white in existence.

LOYALTY—Per packet, 10c; oz., 50c. Large and vigorous, dark blue stripe. Ground color white flaked and striped blue.

MARTHA WASHINGTON—Per packet, 10c; oz., 40c. A fine large flower, white ground, margined with bright pink, suffusing to center of standard and wings.

- MAUD HOLMES**—Per packet, 10c; oz., 40c. Rich crimson Spencer, fine large flower and quite sun-proof. Practically synonymous with King Edward Spencer.
- MRS. HUGH DICKSON**—Per packet, 10c; oz., 40c. The best cream pink Sweet Pea. The color is light salmon pink on cream ground. This variety has exceptional vigor and produces large flowers, four on each stem.
- MRS. ROUTZAHN**—Per packet, 10c; oz., 40c. A beautiful blending of straw color, tinted with blush pink and shading to apricot and rose at edges.
- MRS. SANKEY**—Per packet, 10c; oz., 40c. A large black-seeded white, good form, vigorous, flowers slightly tinted with pink when young.
- MRS. TOWNSEND**—Per packet, 10c; oz., 40c. White ground, edged pale blue, large size and splendid form. Fine for exhibition and garden work.
- MARGARET ATLEE**—Per packet, 10c; oz., 50c. A warm salmon pink perfectly suffused over a cream ground, flower of extraordinary size.
- MRS. CUTHBERTSON**—Per packet, 10c. Standard clear rose pink, wings white with faint flushing of pale rose pink.
- NUBIAN**—Per packet, 10c; oz., 50c. Beautiful rich deep chocolate, the best maroon. Vines vigorous producing long stout stems, carrying invariably four bold flowers.
- OTHELLO**—Per packet, 10c; oz., 40c. Of immense size, with large, drooping wings, rich maroon, very dark and adapted for many attractive combinations. One of the best dark Sweet Peas.
- PARADISE IVORY**—Per packet, 10c; oz., 40c. Cream with a suggestion of pink in the newly opened blossoms.



Spencer Sweet Pea—Paradise Ivory.

PEARL GREY—Per packet, 10c. Very fine lavender on primrose ground, the general effect is a pretty bluish gray.

PRIMROSE, Morse's Extra Selected Strain—Per packet, 10c; oz., 40c. The finest of its class, clear, primrose self of best Spencer form, beautifully waved flowers large and mostly four blossoms on each stem.

QUEEN OF NORWAY—Per packet, 10c; oz., 40c. A beautiful Rosy Purple shade.

ROSABELLE—Per packet, 10c; oz., 40c. A splendid dark rose of vigorous growth.

ROYAL PURPLE—Per packet, 10c; oz., 60c. A rich royal purple which holds its color throughout the season.

STIRLING STENT—Per packet, 10c. Glorious deep salmon suffused with orange; a beautiful Sweet Pea, especially in artificial light, but must be shaded to get true color.

SUNPROOF CRIMSON—Per packet, 10c; oz., 40c. A grand crimson Spencer. Flowers very large and nicely waved. Generally carries four blossoms on each stem.

TENNANT—Per packet, 10c; oz., 30c. A large flowered rosy-purple. Shows a tendency towards magenta.

THOS. STEVENSON—Per packet, 10c; oz., 40c. Brilliant orange scarlet. Flowers splendid form and vines very vigorous.

WEDGEWOOD—Per packet, 10c. A clear, bright, silvery blue with a faint suggestion of mauve in the standard. The color improves greatly in water, and as flower ages the color brightens. Morse's strain has been pronounced the best blue Spencer, and we are glad to offer it.

WHITE SPENCER, Morse's Re-selected—Per packet, 10c; oz., 55c. The best Spencer white. Flowers very large and magnificent Spencer waved form. Stems as a rule carry four blossoms.

SENATOR SPENCER—Per packet, 10c; oz., 50c. A beautiful shade, claret and chocolate stripe on light heliotrope ground.

Alphabetical List of Grandiflora Sweet Peas for 1918

The Grandiflora Type always bears a "Clamped Keel." The Anthers and Stigma are held compactly and are tightly enclosed in the keel.

	Oz.	¼ lb.	1 lb.
AURORA—Orange rose, striped on white.....	\$.10	\$.30	\$ 1.00
AGNES ECKFORD—Very light pink.....	.10	.30	1.00
AMERICA—White ground flaked and striped with crimson scarlet.....	.10	.30	1.00
BLACK KNIGHT—Dark Maroon, veined black.....	.10	.30	1.00
BLANCHE FERRY—Bright rose and white.....	.10	.30	1.00
BOLTON'S PINK—Salmon pink, veined rose.....	.10	.30	1.00
BLANCHE BURPEE—Pure white large.....	.10	.30	1.00
COUNTESS or COUNTESS OF RANDOR—Lavender.....	.10	.30	1.00
DOROTHY ECKFORD—White, one of the best. White seeded.....	.10	.30	1.00
DUKE OF WESTMINSTER—Clear purple.....	.10	.30	1.00
EARLIEST OF ALL—A very fine early variety, with white wings and pink keel.....	.10	.30	1.00
EMILY HENDERSON—Pure white. White seeded.....	.10	.30	1.00
FIREFLY—Bright red.....	.10	.30	1.00
FLORA NORTON—Bright sky blue.....	.10	.30	1.00
FRANK DOLBY—Very fine lavender.....	.20	.50	.....
FLORENCE WRIGHT—White.....	.10	.30	1.00
GLADYS UNWIN—Clear light pink.....	.10	.30	1.00
HELEN PIERCE—Bright blue mottled with white.....	.10	.30	1.00
KATHERINE TRACY—Soft pink.....	.10	.30	1.00
KING EDWARD VII.—Deep red.....	.10	.30	1.00
LADY G. HAMILTON—Light mauve.....	.10	.30	1.00
LORD NELSON—Dark blue.....	.10	.30	1.00
LOTTIE ECKFORD—Heavily shaded lavender.....	.10	.30	1.00
LOVELY—Deep pink.....	.10	.30	1.00
MRS. E. KENYON—Large clear primrose.....	.10	.....	.....
MRS. COLLIER—Clear primrose yellow.....	.10	.30	1.00
MRS. GEO. HIGGINSON—Light lavender.....	.10	.30	1.00
MRS. WALTER WRIGHT—Rose purple.....	.10	.30	1.00
MISS WILMOTT—Orange pink.....	.10	.30	1.00
NAVY BLUE—Indigo and violet.....	.10	.30	1.00
NORA UNWIN—Very fine pure white. White seeded.....	.10	.30	1.00
OTHELLO—Very dark maroon.....	.10	.30	1.00
PHENOMENAL—Shaded, edged lilac.....	.10	.30	1.00
PRIMA DONNA—Pure pink, self colored.....	.10	.30	1.00
PRINCE OF WALES—Rose crimson.....	.10	.30	1.00
QUEEN ALEXANDER—Bright scarlet red, self-colored.....	.10	.30	1.00
ROMOLA PIAZZANI—Violet blue self.....	.10	.30	1.00
ROSE DU BARRI—Crimson orange.....	.10	.30	1.00
SALOPIAN—Pure red.....	.10	.30	1.00
SHASTA—Large white.....	.10	.30	1.00

SWEET PEAS IN MIXED COLORS.

	Oz.	¼ lb.	1 lb.
PEERLESS MIXED—The best Grandiflora Mixture, colors well proportioned.....	\$.10	\$.30	\$ 1.00
LIGHT COLORS MIXED—Our best mixed of all light colors.....	.10	.30	1.00
CUPID MIXED—Low growing, suitable for borders and driveways.....	.10	.30	1.00

CHRISTMAS FLOWERING SWEET PEAS.

For those who have the convenience and room a few of the winter flowering Sweet Peas are a boon. We offer the following:

CHRISTMAS PINK—Pink.....	Pkt., 10c; Oz. 40c
MRS. ALEX WALLACE—Lavender.....	Pkt., 10c; Oz. 40c
MRS. C. H. TOTTY—Sky blue.....	Pkt., 10c; Oz. 40c
MRS. F. J. DOLANSKY—Clear pale pink.....	Pkt., 10c; Oz. 40c
MONT BLANC—White.....	Pkt., 10c; Oz. 40c
MIXED, ALL COLORS—Cupid type.....	Pkt., 10c; Oz. 40c

LATHYRUS—Everlasting Sweet Pea.

A hardy perennial climber, reaching a height of three to four feet. Extremely valuable for covering fences, and also for cut flowers. Bears profusely sweet pea like blooms.

Crimson.....Pkt., 10c; oz., 30c; **Pink**.....Pkt., 10c; oz., 30c; **White**.....Pkt., 10c; oz., 30c; **Mixed**.....Pkt., 10c; oz., 25c.

FREE

We issue the following Pamphlets on the subjects named, and same will be forwarded on request stating those desired.

SWEET PEAS, THEIR CULTURE—Combining also a list of the best varieties known to the trade.

MUSHROOMS—Culture of, and class of spawn to use.

SMALL FRUIT CULTURE IN THE NORTHWEST—Covering full cultural directions for Strawberries, Raspberries, Blackberries, Gooseberries and Currants.

LAWNS, THEIR PREPARATION AND CARE—Covering this most important adjunct to the appearance of any home.

These pamphlets are written for the amateur, all technical verbiage eliminated from their pages, and will be found an invaluable aid to the better understanding of the subjects to which they refer. They are fully illustrated in their various lines.

WORTH KNOWING

How to Select Flower Seeds for Special Purposes

Long-Stemmed Flowers From Seed Suitable for Bouquets or Vases.

Aquilegia	Dahlias	Mignonette
Asters	Delphinium—H. P.	Poppy
Calliopsis	Dianthus	Salpiglossis
Carnation	Gaillardia	Scabiosa
Centaurea	Gypsophila	Stocks
Chrysanthemum—H. P.	Larkspur	Sunflowers
Coreopsis	Lupinus	Sweet Peas
Cosmos	Marigold	Zinnias

Fragrant Flowers from Seed. Varieties Marked H. P. Are Hardy Perennial.

Abronia	Lavender—H. P.	Scabiosa
Alyssum	Matthiola	Stocks
Carnations	Mignonette	Sweet Peas
Dianthus Hardy	Mimulus	Sw't William—H. P.
Geranium	Nicotiana	Wallflower
Heliotrope	Pinks—H. P.	

Ornamental Foliage Plants Grown from Seeds.

Amaranthus	Coleus	Pyrethrum
Canna	Kochia	Aureum
Centaurea	Marvel of Peru	Ricinus

Drooping Plants for Vases, Hanging Baskets, Etc.

Alyssum	Nasturtium, Tall
Asparagus	Oxalis
Sprengeri	Calendula
	Petunia
	Vinca

FARMERS READY REFERENCE BOOK—The most complete farm book on the market. Every department of farm life covered in detail by experts. Each (Postpaid), 15c, while the supply on hand lasts. Well worth several times its cost.

NATIONAL COOK BOOK—A manual of Good Recipes, carefully chosen from the contributions of over two thousand successful cooks and chefs in this and foreign countries, also useful notes on the various classes of good things to eat. All of which have been carefully checked and re-checked by competent authority. Special attention has been given to Bread and Pastry Making and the various dainties dear to good cooks. Each (Postpaid), 15c, while the supply on hand lasts, in every respect the equal of any book of its kind ever published.

SPECIAL FOR THE FARMER—A set of 20 varieties of Farm Seeds, Alfalfa, Clovers, Millets, Grass Seeds, etc., mounted under glass, with seeding table accompanying. A most useful outfit for the farmer desiring to know seeds and to have the means of identification on hand. Price (Postpaid), 25c.

POULTRY REMEDIES—We carry a complete line of Poultry Remedies. See last pages for list and prices.

PLANT FOODS—For your House Plants—See list of Insecticides, etc., on last pages.

UNITED STATES FOOD ADMINISTRATION—LICENSE NO. G-33773.

GENERAL LIST OF VEGETABLE SEEDS

Correspondence in English, German or Scandinavian

Vegetable Garden Time Table for Planting Seeds

FROM PRACTICAL EXPERIENCE

Asparagus	March to June
Beans (All varieties)	May
Beets (Table varieties)	April to May
Beets (Stock)	May
Broccoli (Hot bed)	March
Brussels Sprouts (Hot bed)	March
Cabbage (Early varieties, hot bed)	March
Cabbage (Late varieties, hot bed)	April
Cabbage (Late, in open)	May
Carrots (Table varieties)	April
Carrots (Stock)	May
Cauliflower (Hot bed)	March
Celery (Late, Hot Bed)	April
Celery (Early, Hot Bed)	March
Chervil	May to July

Cress (Pepper Grass)	May to July
Cress (Water)	May to July
Corn	May 10 to 20
Cucumbers	May
Endive	April to July
Kohl Rabi	May and June
Kale	May
Lettuce	April to July
Leek	May
Melon (Water)	May
Melon (Musk)	May
Onion Sets	March and April
Onion Seed	April and May
Onion Seed (to Winter)	July and August
Parsnip	April
Parsley	May
Peas	April to June

Pepper (Hot Bed)	March
Potatoes	May
Pumpkin	May
Radish	April to July
Rhubarb	May to July
Salsify	April and May
Spinach	April to August
Squash	May
Sunflower	May
Turnip	April to July
Tomato (Hot Bed)	March
Rutabaga	May and June

This table is for general use in Montana and has been compiled after much experience in vegetable gardening. This will apply to Idaho, Dakota and Wyoming, also.



JERUSALEM ARTICHOKE.

ARTICHOKES

Ger.—Artischoke.

Scand.—Artiskok.

ARTICHOKE ROOTS—(Dry Farmed) 1 lb. (Postpaid), 25c, or by Express or Freight.....1 lb., 20c; 10 lbs., \$1.25 Write for prices on larger quantities.

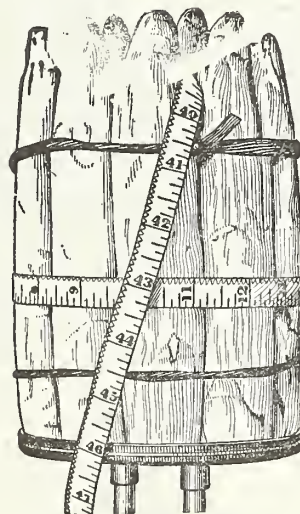
Most valuable food for hogs that can be grown. Every hog raiser, should plant them. They are not only very healthful, but as a fattening agent are unexcelled. They yield very heavily, 300 to 350 bushels to the acre being realized on good soil. It is not necessary to dig them for if given an opportunity, the hogs will help themselves.

Artichokes need planting but once, and little or no culture after the first year. Cut as potatoes, only smaller; plant in rows three and one-half feet apart. Plow deep, plant shallow, say two inches. The second year, break up the ground as for corn; they will come up thickly all over the surface. Those wishing to purchase should place orders early.

ASPARAGUS

Ger.—Spargel.

Scand.—Asparges.



Sow early in the spring in drills 2 inches deep and 12 inches apart if to be cultivated by hand. One ounce of seed will make about 500 plants. When the plants are one or two years old transplant to rows 5 feet apart and 18 inches apart in the row. Cover the soil 4 to 5 inches deep with well rotted manure and disc well—then plow as deep as possible and fine with harrow. Turn furrows 5 feet apart, about 6 inches deep. Place plants in these about 18 inches apart, with the roots well spread out. Turn a light furrow back over them and level with the harrow by cross harrowing.

ASPARAGUS—(Conover's Colossal) Pkt., 5c; oz., 10c; lb., 90c The favorite in our western market having a pink tinge, and very fine flavor, of vigorous growth, none better.

ASPARAGUS—(Palmetto).....Oz., 10c; lb., 90c The plants are strong and vigorous in growth, producing large thick, dark green shoots, with a distinctly pointed head or tip.

ASPARAGUS—(Bonvallet's Giant).....Oz., 15c; ¼ lb., 40c; lb.\$1.35 The quickest yielding (a year ahead of seed of other sorts), heaviest producing, finest quality and most disease resisting of any variety. Market gardeners are discarding other well known sorts in favor of this variety.

Inoculate this
Seed with
FARMOGERM.

BEANS

Ger.—Bohnen.

Scand.—Boennea.

Inoculate this
Seed with
FARMOGERM.

(2 lbs. to 100 feet in drills, or 150 hills; 120 lbs. to the acre, in drills.)

A succession of sowing can be made from the first week in May until June. Plant in drills about 2 inches deep, and from 18 inches to 2 feet apart, according to the richness of the soil; the poorer the soil, the closer they can be planted. The seed should be dropped about 2 inches apart.

The supply of seed beans this season is the lowest known to the seed trade. Many varieties are almost impossible to obtain at any price. Many seed growers report a partial and in some instances a total failure of Garden Beans. This, coupled with the enormous demand for food for army purposes, has caused a most unprecedented condition. Early orders are advised—to avoid disappointment.

SEE RED INSERT PAGE 96 FOR PRICES ON BEANS.



Golden Wax.



Black Wax.



Bountiful.

BEANS—DWARF OR BUSH

Yellow Poddied Varieties.

Improved Golden Wax—Probably the best known of all Wax Beans; it is the ideal Wax Bean; very prolific. Thick fleshed and stringless.

Improved Black Wax—An old favorite, which is universally popular. Round full, fleshy pods; excellent flavor. Stringless and very tender.

Davis' White Wax—Is a very productive sort. Pods long, straight and thick. Beans white, kidney shaped.

Curries' Rust Proof Wax—A very early, beautiful Wax Bean, bearing an abundance of crisp, tender, stringless pods, flat, long, meaty. It is absolutely rust-proof, at least we have never seen any beans of this variety that were affected with rust. The vine is hardy and vigorous. The beans, when ripe, are bluish-black and kidney shaped. An excellent shipper.

Wardwell's Kidney Wax—A prolific bean, with light colored pods, slightly curved. A kidney shaped bean, speckled in color. A first-class garden bean.



Rust-Proof-Wax.

FOR PRICES ON ALL SEED BEANS SEE RED INSERT PAGE 96

BEANS—Dwarf or Bush, Green Podded Varieties.

Long Yellow Six Weeks—Early, full, flat, green pod, an old favorite, productive and of excellent quality.

Bountiful—This bean is of most handsome growth, very sturdy and practically rust proof. Very early, hardy and very prolific. Pods are very large, of rich meaty flavor, very tender and stringless.

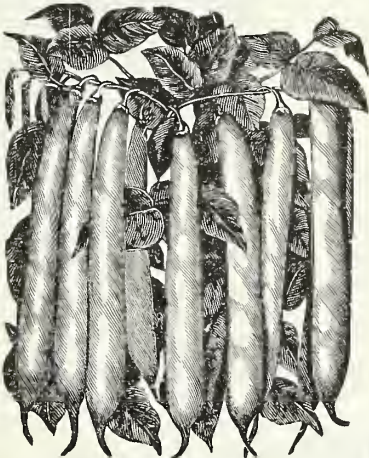
Stringless Green Pod—An early variety, with long pale green round pods. Keeps tender for a long time after reaching maturity.

Early Mohawk—This variety stands cold better than any other bush variety; excellent quality.

Early Red Valentine—Long, full cylindrical green pods, creased back, very fleshy, crisp and tender.

Black Valentine—A prolific yielder, similar to the Red Valentine slightly larger, and a very tender bean. Black seeded.

Late Refugee or 1000 to 1—A very productive bean, exceedingly tender and of most excellent flavor. Pods are long, cylindrical light green and of good quality; mid-season and late use and excellent for pickling.



Beans (Late Refugee.)



Feltham Prolific.

Feltham Prolific

This is a new dwarf French bush Bean. It is perhaps the heaviest cropper yet introduced, with rich green fleshy pods, crisp, tender and stringless. Remarkably quick in growth. A test of 4 ounces of seed last season in Montana yielded 10 lbs. of dried beans.

Pkt.	10c
¼ lb.	30c
Lb.	\$1.00

BEANS—Pole or Running.

Kentucky Wonder or Old Homestead—An enormously productive variety; entirely stringless, large tender pods; best pole bean for market gardeners.

Scarlet Runner—An English bean of great merit; very tender and sweet; also grown as ornamental flowering vine for trellises.

Lazy Wife—Immensely popular, pods medium dark green color, from 4½ to 6 inches long; very fleshy and stringless when ripe; are excellent shell beans.

BEANS—Dwarf or Bush Lima.

Dreer's Bush Lima—Fine flavor, full sweet and succulent, becoming very popular; is also an excellent dry bean; very prolific; a little later than Burpee's.

Burpee's Bush Lima—Large white; is the earliest Lima Bean in cultivation; a great favorite for the family garden.

Broad Windsor—This bean is very hardy, and should be planted as soon as the soil is in good state in the spring. Plant four inches apart and 2 inches deep in drills three feet apart, to insure well filled pods, pinch off the tops as soon as pods begin to set.

FIELD BEANS.

California Wonder or Improved Tree Bean—A wonderful productive, white field bean. This is the heaviest yielding Bean known, belonging to the class of field Beans resembling the well known "Navy." On account of its snowy whiteness, small size, the California Wonder commands high prices. Our seed is carefully selected pure stock seldom found in Navy Beans. Thirty pounds of California Wonder Beans will plant an acre.

FOR
PRICES
ON
BEANS
SEE
RED
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PAGE
96



Great Northern Navy Bean.

Great Northern Navy Bean—This variety seems to be especially adapted to Montana soil and climate, and is being grown in increasing quantity each season. In our opinion it leads all other varieties of Navy Beans—when the real test comes—at the table. Its flavor and tenderness as a baked bean are "par excellence."

Sow 16 to 24 lbs. to the Acre.

Improved White Navy—The result of years of careful growing and selecting. Far superior in both quality and productiveness to the common sorts. The vine is of medium size, erect, bearing a profusion of long pods well up from the ground. The dry beans are small, pure white and of fine appearance.

Boston Yellow Eye—While much larger quantities of White Beans of the Navy type are used than of all other varieties combined, those who know about the Boston Yellow Eye prefer them to any other Bean for cooking as they possess a richness and flavor known to no other variety.

BROCCOLI

Ger. Sparckohl.

Scand. Broccoli-kaal.

(One ounce will produce about 3,000 plants.)

Sow the first week in May in drills 3 or 4 inches apart, covering seeds lightly. When the leaves are about three inches broad, transplant to prepared beds 2 feet apart each way. Much resembles Cauliflower; cultivation the same.

BROCCOLI—(Snow White)—Pkt., 5c; oz., 60c; $\frac{1}{4}$ lb. \$2.00
Pure white color; heads medium size, close and compact.

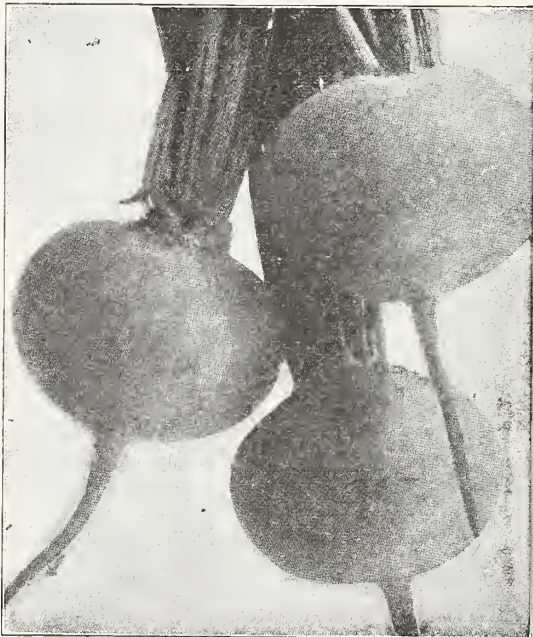
TABLE BEETS

Ger. Rube.

Scand. Rodebete.

HOW TO PLANT—The soil should be rich and deeply plowed, say 8 to 10 inches. Sow in rows from 14 to 20 inches apart and about 1 to 1½ inches deep. About 6 pounds of seed to the acre for garden or stock feed and for sugar about 20 pounds of seed to the acre. As soon as the plants have the fifth and sixth leaf, thin to one plant each 8 inches. If under irrigation, water as soon as thinned. Cultivate often and do not water again until absolutely necessary, as the soil will dry from the surface down and the tap roots will follow. Careful tests have proven that one cultivation a week will give the best results. Keep clean and remember that cultivation is the next thing necessary after the best seeds and the two are necessary for success.

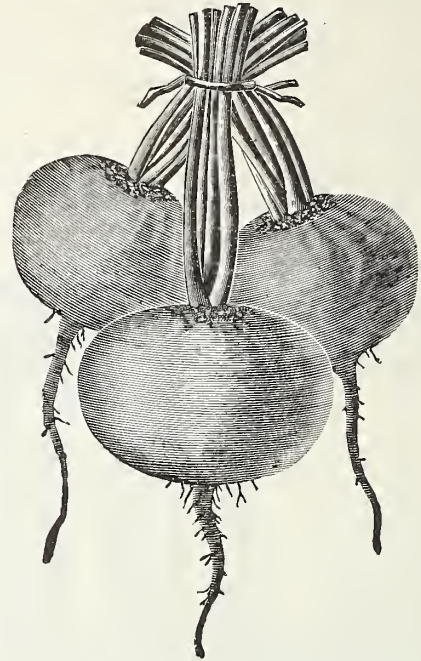
(One ounce to 100 feet of drill, 5 to 6 lbs. per acre.)



Beet (Crimson Globe.)

Crimson Globe—Beets may come and Beets may go, but still the Crimson Globe retains its position as the best Beet for the market gardener, as well as for the private garden. It is very symmetrical, with small tap root, and but few fibrous roots; color outside is deep blood-red; inside layers of blood red, light-grained and unsurpassed in quality. One sowing only is necessary to produce early beets for market and main crop for winter use.

Edmunds Early Blood Turnip—Roots of good form, turnip shaped and flesh deep red, as name indicates. This is a standard variety, and one of the best.



Beet—Detroit Dark Red.

Detroit Dark Red Turnip—One of the best early Beets either for table or market; small top, early maturing, splendid shape and color, very crisp, tender and sweet.

Dark Red Egyptian—Has more good qualities than any other beet, extra early, sweet, small-leaved; color dark crimson.

BEEF—(Market Gardener's)—See **Crimson Globe**.

Eclipse—Best variety for main crop; good keeper, clear blood red, sweet and tender.

Extra Early Dark Red Montana Strain—The market gardener's beet. For richness of color and exquisite flavor this new strain cannot be equalled. Early, rich and sweet.

Early Blood Turnip—An old standby; good for early or late planting. Of fine form, good flavor, red color. Very desirable for home or market purposes.

Long Smooth Blood—A very fine late variety, deep red color, a splendid keeper.

Half Long Blood—An excellent main crop beet. A great favorite as a table or field sort. Roots are deep red in color and always symmetrical and smooth. In quality it is sweet, crisp and tender, and is an enormous cropper, and a reliable winter keeper. It is a heavy beet without being hard to pull. It never becomes woody and is always good for table use or stock food, whether pulled young or old.

SUGAR BEETS

Klein Wanzlebener—Best of all sugar beets; has rather long slender root, very rich in sugar; will yield under average conditions 16 tons to the acre. All stock men know that sugar makes fat, and will realize its value as a stock food.

Vilmorin's Improved—This French variety is popular with sugar beet growers; contains a larger percentage of sugar and requires less water than others.

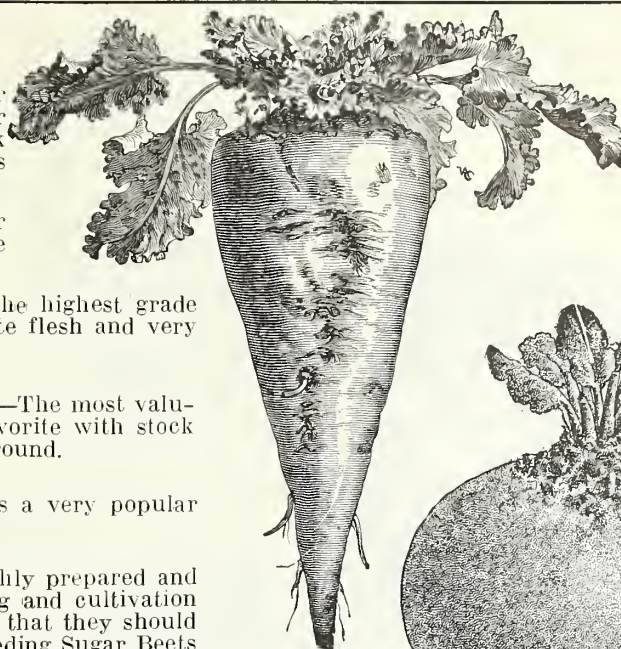
Jaenich's Victrix—This sort is credited with being the highest grade sugar beet grown. Of medium size, very even, white flesh and very rich in sugar.

Giant Feeding Sugar Beet or Half Sugar White Mangel—The most valuable of all stock feeding, very heavy yielder, the favorite with stock feeders, very easily pulled growing half out of the ground.

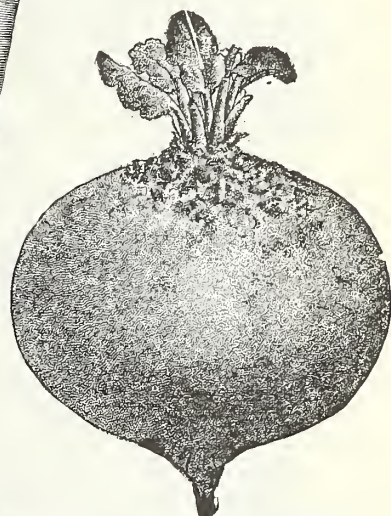
Stock Feeding—A Half Sugar Beet of large size, and is a very popular variety with cattlemen.

For Stock Feeding—The ground should be thoroughly prepared and made firm and mellow, same as for Mangels. Seeding and cultivation should be continued in much the same manner except that they should be thinned out 6 to 8 inches in the row. The Giant Feeding Sugar Beets or Half Sugar Mangels are especially valuable for feeding stock as they give a feed of much greater nutritive value than mangels.

FOR PRICES ON SUGAR BEETS AND MANGELS—SEE RED INSERT PAGE 96



Sugar beet
Klein-
Wanzlebener.



Mangel Wurzel Yellow Globe.



Mangel Wurzel—Giant Red Eckendorf.

MANGEL WURZELS

Mammoth Long Red—Immense yielder; very large, skin dark red; splendid for winter feeding.

Golden Tankard—The dairyman's mangel; fine grained yellow flesh, rich in milk producing qualities.

Danish Sludstrup—The Danish government encourages the growing of root crops by offering certificates of merit to growers who select and produce sorts which are of distinctive value. Sludstrup is considered the best of all Mangels, having been awarded first class certificate. In color it is reddish-yellow and of a distinct type. It contains the largest per cent of nutriment found in any sort. It is very hardy, grows well above ground and is easily pulled.

Giant Half Sugar Rose—A magnificent sort, growing at least half out of the ground rendering the crop easy to gather. Skin of the upper part is rose colored, and the lower part white. Flesh white tinged with rose.

Giant Red Eckendorf—A very popular variety grown on a very large scale. A very popular variety grown in European countries where root crops are grown on a very large scale. It has also proved very satisfactory in the United States whenever it has been tried. The roots are smooth, long and cylindrical in shape, very much like the tankard mangels. They are very heavy, weighing from 15 to 20 pounds each. The flesh is firm, crisp and solid, white in color and of high feeding value. This variety is easily harvested, a large proportion growing above ground.

Giant Yellow Eckendorf—The same as the Giant Red variety except the skin is yellow. Very desirable in all respects.

Yellow Globe—An especially good variety to grow if one has a limited supply of water; a great favorite for dairy-men, making a wonderful increase in milk; easy to pull and harvest; tops are small.

Red Leviathan—Makes a large, magnificent root, growing half above the ground and easily lifted; an enormous cropper and good keeper. It is of even shape, with smooth skin. Flesh firm and sweet.

For Prices on all Vegetable Seeds not quoted—see
Red Insert—page 96

SWISS CHARD

Ger.—Briskohl.

Scand.—Bladbed.

SWISS CHARD— (Or Sea Kale Beet)

Although little known in America, this vegetable is worthy of a place in every garden. The leaf and the leaf stem are the parts used and they are much superior to those of other beets to use as greens. Later in the season the broad, flat beautiful wax-like leaf stems are cooked as a salad or pickled.



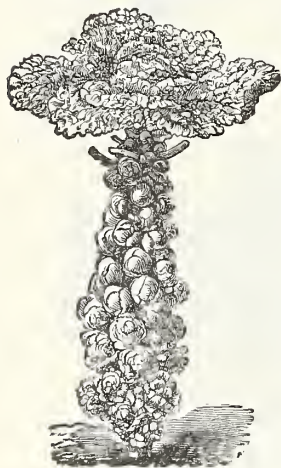
BRUSSELS SPROUTS

Ger.—Rosenkohl.

Scand.—Rosenkaal.

BRUSSELS SPROUTS—Species of cabbage; cultivation the same. One ounce will grow a bed of 40 square feet and produce about 3,000 plants. This is a delicious vegetable, superior to either Broccoli or Spinach. The cabbage-like heads which grow upon the stem are much improved by a moderate frost. Sow in hotbeds in March or April, and in the open ground in May; cultivate same as Broccoli.

Improved Half Dwarf—Pkt., 5c; oz., 50c; ¼ lb. \$1.75
An improved variety growing about 20 inches high; produces sprouts in abundance, cut out head of plant when sprouts have formed.



CABBAGE

One ounce will produce 3000 plants; one-quarter pound will produce plants for one acre.

The soil should be deep and rich. For early crop grow plants in hot beds, transplanting to cold frames and then as early as possible after danger of freezing to the open ground. Cultivate often and keep well watered if under irrigation. For late crops sow seed in open ground and transplant, or some succeed finely by sowing seeds in hills where wanted and thinning to one. This avoids the necessity of waiting for a damp time to transplant.

EXTRA EARLY VARIETIES.

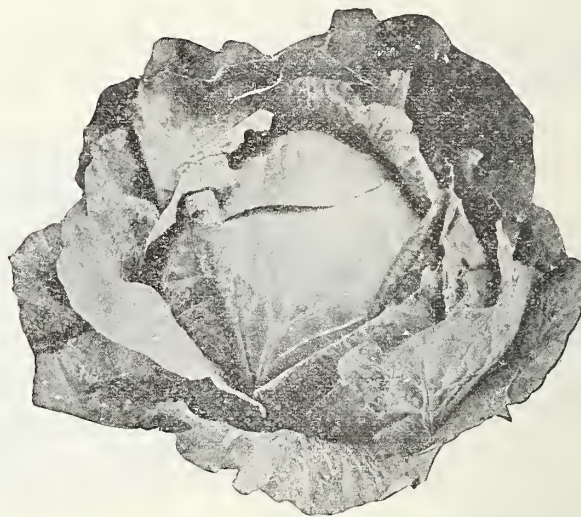
For Prices See Red Insert—Page 88.

Early Jersey Wakefield—This has been for many years the leading early Cabbage in America. The main difficulty has been to get a perfectly satisfactory and reliable strain of seed. Buyers will find Early Jersey Wakefield the genuine article. It has few outer leaves, and in compactness and regularity cannot be surpassed. The thick stout leaves and compact habit make it the best sort for very early setting. It frequently matures inside of 100 days from sowing.



Cabbage (Early Winningstadt.)

Early Winningstadt—This is another old and famous type of early Cabbage but as in the case of Wakefield, the main difficulty is to get a strain of seed representing the highest grade of excellence. Such a strain will be found in our Winningstadt. It is almost as early as Wakefield. It is a sure header, even where other sorts may fail and seems to be less liable to the attacks of Cabbage worm than many other varieties.



Cabbage (Copenhagen Market.)

Copenhagen Market—A new early variety, which will be very popular with market gardeners. It is the finest large, round-headed early Cabbage in cultivation. It is further desirable on account of the remarkable characteristic of maturing the heads all at the same time, enabling the grower to gather his crop with less expense and permitting the cleaning of the land at the first cutting. The heads average about ten pounds each in weight, are hard and solid with small core. The quality is extra fine and sweet. It matures as early as the Wakefield and will yield more to the acre in weight. It is a short-stemmed variety, the heads nearly resting on the ground. The leaves are light green, rather small, saucer shaped and tightly folded, making it possible to set them close together in the field.

Extra Early Express—This variety has produced fair-sized marketable heads in 80 days from the sowing of the seed. There are few loose leaves and almost every plant forms a head. It can be planted close and yields a large crop.

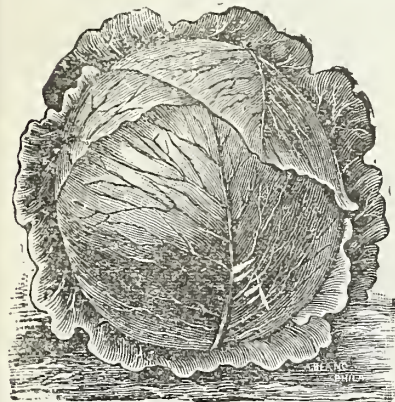
SECOND EARLY VARIETIES.

Glory of Enkhuizen—The earliest and largest white Cabbage—attractive for market purposes. Solid with large ball shaped heads thin-ribbed and hard, few outside leaves; exceedingly tender. Is a dwarf and compact grower; allowing close planting; will yield more tons per acre than any other variety.

CABBAGE—SECOND EARLY—(Continued.)

Improved Brunswick—An ideal second early variety of drumhead type. Desirable for the home garden of dwarf compact. Is good for Summer, Autumn and Winter crop. Desirable for all sorts of planting.

All Head—A large heading variety, heads very flat and compact. Can be planted as close as the Jersey Wakefield, having few outside leaves.

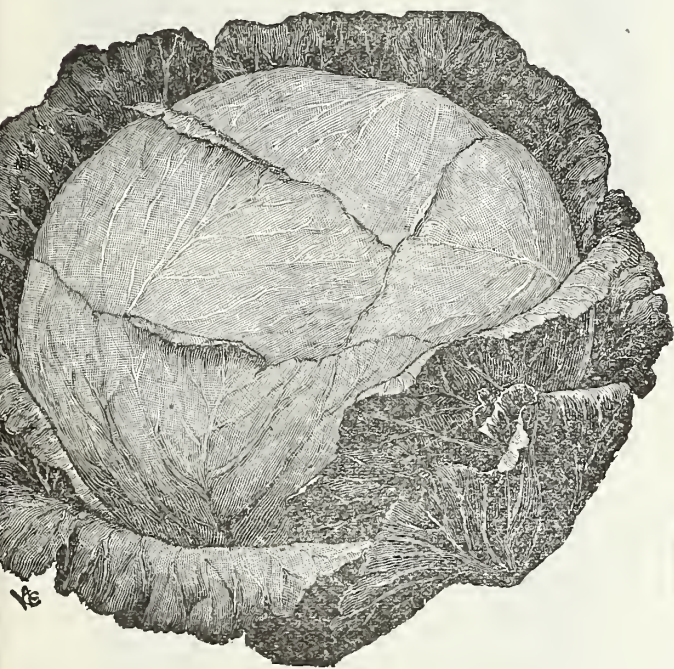


Cabbage—Early Summer.

Early Summer—It is the earliest of large Cabbages, being at least a week in advance of any other strains of Early Summer. The deep flat heads are remarkably uniform in shape, size and color. Good quality and tenderness are marked features.

LATE OR WINTER VARIETIES.

FOR PRICES SEE RED INSERT—PAGE 96.



Cabbage—Large Late Flat Dutch.

Large Late Flat Dutch—A low growing variety, heads large, bluish green, round solid broad and flat on top; an excellent fall and winter variety, and a good keeper. It is a sure header.

Hollander or Danish Ball Head—Very hardy, handsome, very solid, of fine quality. Plant vigorous compact growing, with longer stem than most American sorts and exceedingly hardy in resisting cold and dry weather; leaves large, thick, bluish green covered with whitish bloom. Heads medium sized, round, very solid, and stands shipment better than any other late sort.

Surehead—For main crop is unexcelled; large flattish round heads, fine and solid; always "heads."

Houser—A distinct variety of winter Cabbage. For a solid shapely, heavy, sweet Cabbage it cannot be beaten, and by reason of its compact growth and freedom from loose leaves fully 500 to 600 more plants can be grown to the acre.

RED CABBAGE

Red Dutch—Used principally for pickling, good color and solid heads.

Red Stonehead—More or less trouble is often experienced by market gardeners in finding a really reliable Red Cabbage that will head with uniform size and quality. In Red Stonehead they will find a variety that will fill their strictest requirements, literally solid as a stone, and of good color throughout. Invaluable for pickling purposes.

SAVOY CABBAGE

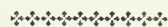
Cabbage—Savoy.

Drumhead Savoy—Should be more generally sown; delicious after slightly frosted.

Chinese Pe Tsai or Celery Cabbage—This Chinese introduction is really of great merit, growing somewhat like the Cos Lettuce. Boiled and seasoned with butter, it makes a most delectable dish, and is also a splendid base for salads. Sow rather later than ordinary Cabbages—as too early sowings have a tendency to run to seed too quickly.



FOR PRICES ON ALL VEGETABLE SEEDS NOT QUOTED—SEE RED INSERT—PAGE 96



We handle Planet Jr. Seeders and Cultivators and Barker Mulcher Weeder.

For Prices see last pages of Catalogue

FOR PRICES ON ALL VEGETABLES
NOT QUOTED SEE RED INSERT
PAGE 96

CARROT

Ger.—Mochre.

Scand.—Gulrod.

(One ounce to 100 feet in drill; 3 to 4 pounds to an acre.)
Good sandy loam is best adapted for Carrots of all varieties. The shorter varieties, however, can be sown in heavier lands with good results.

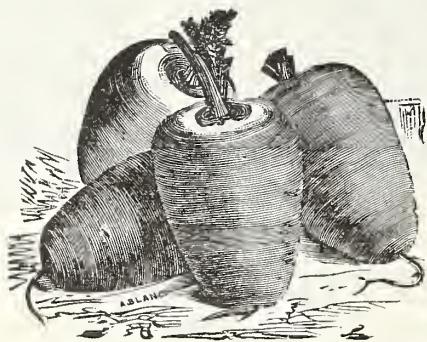
Amsterdam Forcing—A very early and rapid grower. Half long in shape, and of good color. A favorite for market gardeners' early crop.



Carrot—French Forcing.

French Forcing—This Carrot is one of such quick growth that a good name for it is the Radish Carrot, for it certainly matures as quickly as a radish. It has a very fine neck and a rather hollow crown. We highly recommend it to all our customers who desire a small, early, delicious Carrot that will mature early, but must be sown in very rich soil.

Early Shorthorn—Earliest and best standard table variety; short top, sweet and tender.



Carrot—Oxheart or Guerande.

Oxheart or Guerande—Medium early, bright orange color, fine grained and sweet; one of the best table varieties. Can be pulled by hand; well suited to heavy soils, but will thrive equally well in other situations.

Early Chantenay—A French variety, well adapted to family or market gardener's use, as it is tender, fine grained and sweet.

Danvers Half Long—A standard variety, and one of the heaviest croppers. Color dark orange, very thick shoulder, of a most excellent quality. Length 8 to 10 inches.

Half Long Searlet Stump Rooted—A variety about as large as Danvers, but not so thick. It is of uniform thickness from shoulder to root and very stump-rooted.

Improved Long Orange—Excellent variety for garden or field culture. Good quality for dairy cows; attains large size.

CARROTS FOR STOCK.

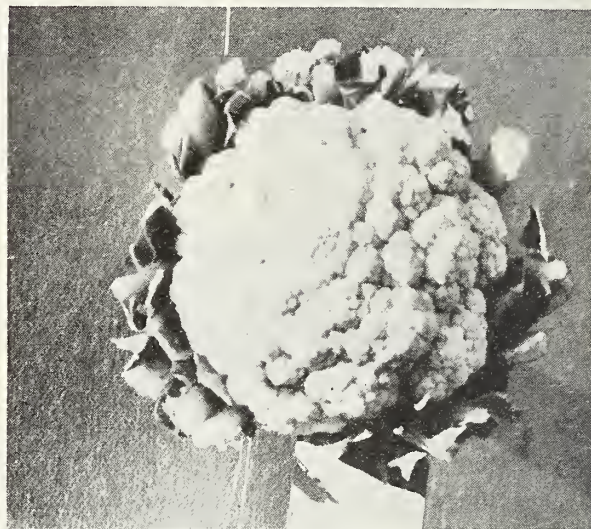
Mastodon—A vast improvement on the White and Yellow Belgian sort. The roots are short and very heavy at the shoulder, and frequently measure 15 to 20 inches, yielding from 20 to 25 tons to the acre.

White Belgian—Grown extensively for stock feeding. Very heavy cropper.

Victoria—Our records prove this to be the most popular Red Stock Carrot in the list, no doubt on account of its sweetness and heavy yield.

CAULIFLOWER

(One ounce for 3,000 plants.)



Early Snowball.

Culture—Cauliflower is a gross feeder, and well repays heavy manuring and high culture. It succeeds best on well drained soil. For spring crop, plant the seed in protected beds early in February and the plants will be ready to transplant probably early in April. The young plants should be thinned, since they become very spindly if allowed to grow too thick in seed bed.

Early Snowball—Is the best all-round Cauliflower on the market—early or late—for the family or the market garden. It heads where others fail. Its close and compact growth habit permits one-third more to be planted on the same quantity of ground than can be done with other varieties.

Early Erfurt—An extra early variety; scarcely a plant fails to produce a head.

Danish Giant or Dry Weather—Is more resistant to unfavorable seasons than other sorts, particularly in dry weather.

Early Paris—A compact, short-stemmed variety of exceptional merit, especially adapted to the family garden.

Danish Perfection—This sort is a very early and dwarf variety, and most desirable for both the market gardener and the home garden.

Autumn Giant—A splendid late variety, as its name indicates. Very large, very white and a sure header under almost all conditions.

For Prices on Vegetables not quoted—see red insert—
page 96



Celeriac—Giant Smooth Prague.

CELERIAC

Ger.—Knoller Sellerie.

Scand.—Knopselleri.

Giant Smooth Prague—Turnip rooted celery. Excellent for soups; will keep all winter; roots large, smooth, good flavor.

CELERY

Ger.—Sellerie.

Scand.—Selleri.

(One ounce will produce 7,000 plants.)

Sow seeds in a hot bed or cold frame. As soon as the plants are about 3 inches high, transplant to a nicely prepared bed in the border, setting them 4 or 5 inches apart. When some 8 inches high, and fine stocky plants, set them in trenches. Earth up a little during the summer keeping the leaf stalks close together so that the soil cannot get between them. Finish earthing up in autumn, and never hoe or earth up in moist weather.

Keep the seed bed moist to insure quick germination and vigorous growth.



PARIS GOLDEN
SELF BLANCHING
CELERY

Paris Golden Self Blanching—A remarkable early sort, entirely self-blanching, with beautiful, large golden-yellow heart, crisp, solid and nutty in flavor.

Golden Hearted Giant—Our strain of this variety is unexcelled and absolutely reliable; this sort is without doubt the finest early Celery in cultivation. It is perfectly solid, of a fine nutty flavor; attains a good size and when blanched is of a handsome golden yellow.



Celery—Montana
Perfection.

Montana Perfection—Finest and largest winter variety. The best keeper known; solid, crisp, tender and of an exceedingly fine flavor; more largely grown here than all other varieties put together.

Red Hearted English—A novelty in this section, of great excellence. Of medium dwarf habit, very tender and of delicious flavor blanching very easily, with a beautiful pink or light red heart.

Golden Hearted Dwarf—A most desirable and very hardy variety, very solid and crisp, blanching exceedingly white, with a clear golden heart. An excellent shipper.



Celery—White Plume.

White Plume—Handsome, crisp, self-blanching, easily cultivated; the most popular with Montana growers; keeps well up to January.

CHERVIL

CHERVIL—(Curled).....Pkt., 5c; oz., 25c; ¼ lb., 75c
An aromatic herb. The young leaves are used in soups and salads.

CHIVES—Snittlauch

CHIVES.....Pkt., 10c
A vegetable of the Onion tribe, quite hardy everywhere. The leaves are slender and appear very early in the spring, and may be shorn several times during the season. They are propagated by divisions of the root or sowing of seed. The chives are equal to the Onion for flavoring soups and salads.

CORN SALAD

Ger.—Feldsalat.

Scand.—Vaarsalat.



Corn Salad.

CORN SALAD—(Or Fetticus) Pkt., 5c; oz., 15c; ¼ lb., 60c; lb. \$2.00

A salad plant used as a substitute for Lettuce in salads, or may be cooked like spinach for greens. It does well in the fall and spring. On rich soil the leaves renew rapidly after being cut.

CORN—Sweet or Sugar

(One pound for 100 hills, 15 lbs. for 1 acre.)

Corn thrives best in warm, rich soil. The smaller varieties may be planted in drills two and a half feet apart and ten inches apart in the rows. The larger kinds may be planted in hills three and a half feet apart each way, allowing three or four stalks to remain in a hill.

EARLY VARIETIES.

Peep O'Day—Ten days earlier than any other Sweet Corn. Peep O'Day Corn, in addition to its sensational earliness, is entirely distinct in appearance and habit of growth. The stalk grows from 3 to 4 feet in height. The ears average about 5 inches in length and are of perfect form, well filled out to the tip. When cooked, the corn is exceedingly sweet and tender.

Early Minnesota—A very fine second early strain with large ears, filled with 12 or more rows of handsome white grains of fine quality.

Mammoth White Cory—Earliest of all Cory Corn; one of the most successful varieties of Corn for Montana, and largely grown for the market; large ears, tender and delicious.

Extra Early Adams—This is not a true sweet Corn, but is greatly grown for that use, on account of its fine, white and sweet grains. Is greatly grown for roasting purposes, is very hardy, and can be planted earlier than most of the early varieties.



Sweet Corn—Golden Bantam.

Golden Bantam—A new variety of sweet Corn which many people consider the richest and sweetest of all Corns. Some of our customers are now planting this Corn at regular intervals during the season, so that they may have it for table use continually, and prefer it to all other sorts. Ears medium size, thickly set with delicious yellow kernels. Golden Bantam has a flavor distinct from any other sort. A very early variety.

SECOND EARLY VARIETIES.

Early Evergreen—Not quite as early as some, but one of the best and sweetest varieties grown.

Black Mexican—This variety has for a number of years had the reputation of being the sweetest of all sweet Corn. When cooked, the ear is white with a bluish tinge towards the base of the kernel. Every year we have a number of inquiries from those who have known this Corn, but who have forgotten its name and remember it only as the "black Corn that was so very sweet."

WE HANDLE PLANET JR. TOOLS—For Prices see last pages of this Catalog

INSECTICIDES—for all purposes—see last pages.

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**FOR PRICES OF ALL VEGETABLES  
NOT QUOTED—SEE RED INSERT  
PAGE 96**



FOR PRICES ON ALL VEGETABLE SEEDS  
NOT QUOTED—SEE RED INSERT  
SEE PAGE 96

## CRESS

Ger.—Karten-Kresse.

Scand.—Karse.

**CRESS, OR PEPPER GRASS**—This salad is much used with Lettuce to the flavor of which its warm pungent taste makes an agreeable addition.

**CRESS—(Water)**—Hardy perennial aquatic plant; sow seed along water's edge, preferably near running springs.

## CUCUMBER

Ger.—Gurken.

Scand.—Haurk.

(One ounce will plant fifty hills; two lbs., to an acre.)

**Cumberland**—The best pickling sort yet introduced being very handsome and productive, with flesh firm, but very crisp and tender. Vines sturdy and prolific.

**Davis Perfect**—The best northern market Cucumber of the extra long white spine type. It is a new variety, and since its introduction has jumped into such prominence that it may rightfully be regarded as the most popular variety of its type today. The Davis Perfect has been most carefully selected by a veteran outdoor and greenhouse grower of Cucumbers for length, slimness and its dark green color.

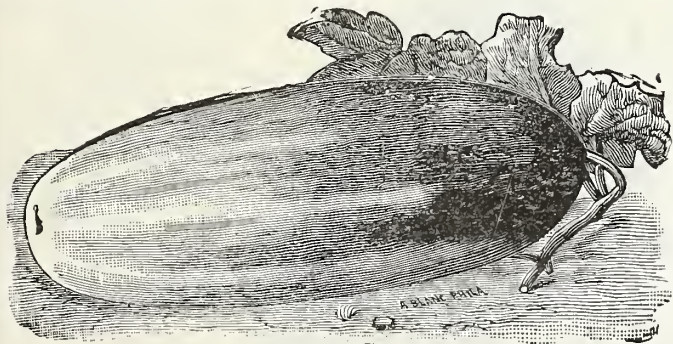
**Fordhook Famous**—A long White Spine variety growing from 10 to 12 inches. Earlier and fully as long as Long Green and of equally good quality.

**Cool and Crisp**—A fine garden variety, deep green and crisp, and is of the White Spine type, pure white when ripe.

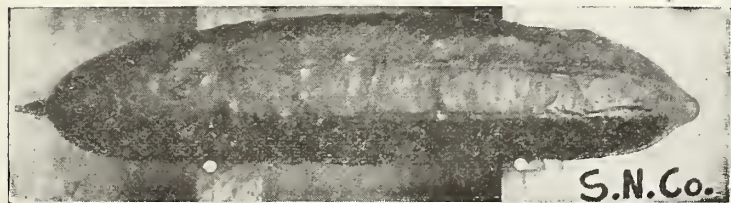
**Early White Spine**—Earliest of the White Spine varieties. Excellent for table use.

**Early Frame or Short Green**—A very productive variety having fruits of good length and handsome form. Desirable for producing pickles of medium size. Fine quality when sliced for table.

**Early Russian**—Bright green, crisp and tender flesh; excellent for table use or pickling.



Cucumber—Early White Spine.



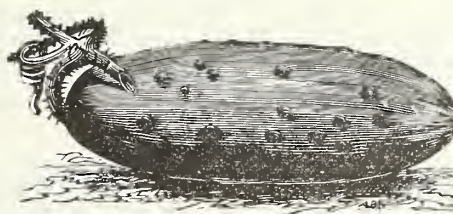
Cucumber—Long Green.

## CUCUMBER—(Continued.)

**Improved Long Green**—Not quite so early as the above named sorts but admitted to be the best general crop Cucumber for this climate; good color, very prolific, crisp and tender.

**White Wonder**—When only half grown is exceedingly fine in quality. Its beautiful white skin is very smooth; entirely free from Spines. They are solid, tender and crisp, with very small seed cavity; splendid for slicing. Its enormous size, beauty and oddity make it one of the best Cucumbers for exhibition at fairs, never failing to capture first prize.

**Everbearing**—Small size, very early and enormously productive and valuable as a green pickler. It continues to flower and produce fruit until killed by frost whether the Cucumbers are picked off or not. Remarkably solid with very few seeds and of fine quality. Invariably of perfect form even when small.



Cucumber—Boston Pickling.

**Boston Pickling**—Very productive, grown largely for pickles. Fruit medium sized, very smooth bright green.

**Japanese Climbing**—A strong and vigorous grower, and while all Cucumbers are running or creeping vines, this variety attains nearly twice the length of ordinary sorts and can be grown on trellises, fences or poles. The fruits from ten to twelve inches in length, are of excellent quality either for slicing or pickling.

**Rollinson's Telegraph**—For forcing. Long green Cucumbers of excellent flavor, very tender and solid. We have grown this variety under glass to a length of 25 inches.

**Vaughns Forcing**—For forcing. This is a great favorite with the Chicago and Eastern growers for forcing under glass for the early and winter markets. Of medium size, very prolific, of good color and most excellent quality.



Egg Plant—Improved New York.

## EGG PLANT

One oz. will produce 1000 to 1500 plants.

**Improved New York**—This selection is vastly superior to the old type. The habit of the plant is low and branching, and is quite free from spines.

## ENDIVE

Ger.—Endivren.

Scand.—Endive.

**White Curled**—Leaves pale green; should be used when young.



## ENDIVE—(Continued.)



Endive—Green Curled.

**Green Curled**—For fall and winter use; also largely used for garnishing; crisp and curly; easily blanched.

**Broad Leaved Batavian**—A very wide leaved variety, leaves with straight edges, thick and fleshy, of a dull green color. Quality excellent.

## GARLIC

Ger.—Knoblauch.

**GARLIC**—The Garlic is the most pungent of all the onion family. The root or bulb is composed of many small bulbs called "cloves," which are planted in the spring six to eight inches apart, and in August the tops will die when the bulbs are ready to gather; they do best in light, rich soil. One lb. to 10 feet of drill.

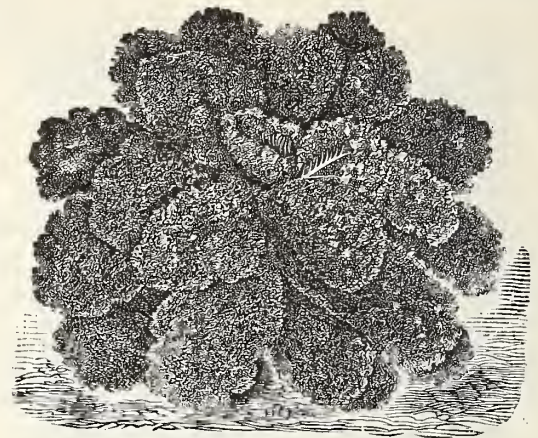


Garlic.

## HERBS

**HERBS**—(Sweet, Pot and Medicinal)—The seeds should be sown in spring, in shallow drills, 12 inches apart, and the young plants thinned out or transplanted to about 4 inches. They should be harvested on a dry day, just before the blossoms develop, dried quickly and bottled, or closely packed in dry boxes, with the air entirely excluded. Those prefixed with an \* are Perennials.

- |                                                                                                       |                    |
|-------------------------------------------------------------------------------------------------------|--------------------|
| Anise—Used for flavoring.                                                                             | Pkt., 5c; oz., 30c |
| *Balm—                                                                                                | Pkt., 5c; oz., 35c |
| Basil—                                                                                                | Pkt., 5c; oz., 25c |
| Borage—                                                                                               | Pkt., 5c; oz., 30c |
| Caraway—The seeds of this herb are used for flavoring.                                                | Pkt., 5c; oz., 30c |
| Coriander—Seeds used for flavoring.                                                                   | Pkt., 5c; oz., 35c |
| *Catnip—                                                                                              | Pkt., 5c; oz., 60c |
| Dill—                                                                                                 | Pkt., 5c; oz., 25c |
| *Fennel—Boil and use in fish sauce.                                                                   | Pkt., 5c; oz., 35c |
| *Horehound—                                                                                           | Pkt., 5c; oz., 35c |
| *Lavender—                                                                                            | Pkt., 5c; oz., 25c |
| *Rue—                                                                                                 | Pkt., 5c; oz., 50c |
| *Rosemary—Very aromatic leaves.                                                                       | Pkt., 5c; oz., 35c |
| Saffron—                                                                                              | Pkt., 5c; oz., 25c |
| *Sage—A highly aromatic herb; most useful of all.                                                     | Pkt., 5c; oz., 25c |
| *Sweet Marjoram—Used as a seasoning.                                                                  | Pkt., 5c; oz., 25c |
| Sorrel—(Large Leaved French.) The variety having the largest leaves and therefore the most desirable. | Pkt., 5c; oz., 35c |
| *Summer Savory—Used as culinary herb.                                                                 | Pkt., 5c; oz., 35c |
| *Thyme—Used for seasoning.                                                                            | Pkt., 5c; oz., 35c |
| *Wormwood—Used and grown for poultry.                                                                 | Pkt., 5c; oz., 35c |



Kale—Dwarf Curled Scotch.

## KALE or BORECOLE

Ger.—Blattenkohl.

Scand.—Groenkaal.

(One ounce will produce about 5,000 plants.)

Dwarf Curled Scotch.....Pkt., 5c; oz., 40c

The Kales make excellent greens for fall and are improved when slightly frosted. Cultivate same as Cabbage. Beautifully curled, very hardy.

Tall Green Curled Scotch.....Pkt., 5c; oz., 40c  
Always a favorite.

## KOHL RABI

Ger.—Kohl Rabi.

Scand.—Kaalrabi.

Kohl Rabi  
White Vienna.White Vienna—pkt., 5c; oz., 40c;  
¼ lb. ....\$1.50

Turnip rooted; small, white, very tender and delicious when young.

Early Purple Vienna—Pkt., 5c; oz., 40c;  
¼ lb. ....\$1.50

An early variety with a bright purple bulb. The leaf and stems being green and tinged with purple.

**For Prices not quoted—see red insert page 96**

## LEEK

(One ounce to 300 feet of drill.)

Ger.—Lauch

Scand.—Purre.

**American Flag**—A strong growing variety, producing large, thick stems of sweet flavor when properly blanched. Leeks are hardy and flavor is improved by frost. Pkt., 5c; oz., 30c; ¼ oz., 90c; lb. ....\$3.00



Leek—American Flag.

Mildred, Wis.

State Nursery & Seed Co.,  
Helena, Mont.

Please send your seed catalog to

Mrs. .... She has just moved out to Montana from Mo., and as your seeds kept me from starving, I want others to have them.

MRS. A. KAIPPELI.



# PRICE LIST

## IMPORTANT—READ CAREFULLY

We pay postage on all seeds quoted in packets, ounces, ½ pints, and ¼ lbs., also on 1 lb. where specified. On all orders—where the individual items of any kind are wanted in quantities of 1 lb. or more, and are not quoted as P P (Postpaid) ADD POSTAGE—if desired by parcel post. Otherwise, all orders will be sent by express or freight, at the purchasers expense.

### PAGE 86.

#### BEANS.

|                             | Pkt. | ½ Pt. | Lb. |
|-----------------------------|------|-------|-----|
| Curries Rust Proof Wax..... | .05  | .20   | .40 |
| Black Wax .....             | .05  | .20   | .40 |
| Davis White Wax .....       | .05  | .20   | .40 |
| Golden Wax .....            | .05  | .20   | .40 |
| Wardwells Kidney Wax .....  | .05  | .20   | .40 |
| Long Yellow Six Weeks.....  | .05  | .20   | .35 |

### PAGE 87.

|                           |      |      |     |
|---------------------------|------|------|-----|
| Bountiful .....           | .05  | .... | .35 |
| Stringless Green Pod..... | .05  | .20  | .35 |
| Black Valentine .....     | .05  | .... | .35 |
| Early Red Valentine ..... | .05  | .20  | .35 |
| Mohawk .....              | .05  | .20  | .35 |
| Late Refugee .....        | .05  | .20  | .35 |
| Dreers Bush Lima .....    | .05  | .... | .35 |
| Burpee's Bush Lima .....  | .05  | .... | .35 |
| Broad Windsor .....       | .05  | .... | .40 |
| Kentucky Wonder .....     | .05  | .... | .40 |
| Scarlet Runner .....      | .05  | .20  | .40 |
| Lazy Wife .....           | .05  | .20  | .40 |
| California Wonder .....   | .05  | .... | .30 |
| White Navy .....          | .05  | .... | .25 |
| Great Northern Navy ..... | .... | .... | .25 |
| Boston Yellow Eye .....   | .... | .15  | .25 |

Write for prices on larger quantities.

### PAGE 88.

#### BEETS.

|                                    | Pkt. | Oz. | ½ Pt. | lb.  | PP. |
|------------------------------------|------|-----|-------|------|-----|
| Crimson Globe .....                | .05  | .20 | ....  | 1.75 |     |
| Early Blood Turnip .....           | .05  | .20 | .25   | 1.50 |     |
| Edmond Early Blood Turnip.....     | .05  | .20 | ....  | 1.75 |     |
| Early Dark Red Montana Strain..... | .05  | .20 | ....  | 1.75 |     |
| Dark Red Egyptian .....            | .05  | .20 | .25   | 1.75 |     |
| Eclipse .....                      | .05  | .20 | .25   | 1.65 |     |
| Detroit Dark Red Turnip.....       | .05  | .20 | ....  | 1.75 |     |
| Half Long Blood.....               | .05  | .20 | ....  | 1.75 |     |
| Long Smooth Blood .....            | .05  | .20 | ....  | 1.75 |     |

### PAGE 89.

#### SUGAR BEETS.

|                                   | Pkt. | ½ Pt. | lb.         | PP.  | 10lb. |
|-----------------------------------|------|-------|-------------|------|-------|
| Klein Wanzlebener .....           | .05  | .20   | 1.00        | 9.50 |       |
| Vilmorins Improved .....          | .05  | ....  | 1.00        | 9.50 |       |
| Jaenschs Vetricx .....            | .... | ....  | 1.00        | 9.50 |       |
| Giant Feeding Sugar or Half Sugar | .... | ....  | 1.00        | 9.50 |       |
| White Mangel .....                | .... | ....  | 1.00        | 9.50 |       |
| Stock Feeding .....               | .... | ....  | Crop Failed |      |       |

### PAGE 89.

#### MANGELS.

|                             |      |      |             |      |
|-----------------------------|------|------|-------------|------|
| Golden Tankard .....        | .05  | .... | 1.00        | 9.50 |
| Mammoth Long Red .....      | .05  | .20  | 1.00        | 9.50 |
| Danish Sludstrup .....      | .... | .... | 1.00        | 9.50 |
| Giant Half Sugar Rose ..... | .... | .... | 1.00        | 9.50 |
| Giant Yellow Eckendorf..... | .... | .... | Crop Failed |      |
| Yellow Globe .....          | .05  | .20  | 1.00        | 9.50 |
| Red Leviathan .....         | .... | .... | Crop Failed |      |
| Giant Red Eckendorf .....   | .05  | .... | 1.00        | 9.50 |

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|                          |     |     |     |      |
|--------------------------|-----|-----|-----|------|
| <b>SWISS CHARD</b> ..... | .05 | .20 | .60 | 2.00 |
|--------------------------|-----|-----|-----|------|

### PAGE 90.

#### CABBAGE.

|                              |     |     |      |      |
|------------------------------|-----|-----|------|------|
| Early Jersey Wakefield ..... | .05 | .50 | 1.35 | 4.50 |
| Early Winingstadt .....      | .05 | .50 | 1.35 | 4.50 |
| Extra Early Express .....    | .05 | .50 | 1.35 | 4.50 |
| Copenhagen Market .....      | .10 | .60 | 1.75 | 6.50 |
| Glory of Enkhuizen .....     | .10 | .60 | 1.75 | 6.50 |

### PAGE 91.

#### CABBAGE—(Continued.)

|                                        | Pkt. | Oz. | ½ lb. | lb.  | PP. |
|----------------------------------------|------|-----|-------|------|-----|
| Early Summer .....                     | .05  | .50 | 1.35  | 4.50 |     |
| Allhead .....                          | .05  | .50 | 1.35  | 4.50 |     |
| Improved Brunswick .....               | .05  | .50 | 1.25  | 4.50 |     |
| Large Late Flat Dutch.....             | .05  | .50 | 1.35  | 4.50 |     |
| Hollander or Danish Ballhead.....      | .05  | .50 | 1.35  | 4.50 |     |
| Surehead .....                         | .05  | .50 | 1.35  | 4.50 |     |
| Danish Roundhead—Short Stem .....      | .10  | .60 | 1.35  | 4.50 |     |
| Houser .....                           | .10  | .60 | 1.75  | 6.50 |     |
| Red Dutch .....                        | .05  | .50 | 1.35  | 4.50 |     |
| Red Stonehead .....                    | .10  | .60 | 1.75  | 6.50 |     |
| Savoy—Drumhead .....                   | .05  | .50 | 1.35  | 4.50 |     |
| Chinese Pe Tsai or Celery Cabbage..... | .10  | .50 | 1.35  | 4.50 |     |

### PAGE 92.

#### CARROT.

|                                    | Pkt. | Oz.  | ½ pt. | ½ lb.       | lb.  | PP. |
|------------------------------------|------|------|-------|-------------|------|-----|
| Amsterdam Forcing .....            | .... | .... | ....  | Crop Failed |      |     |
| French Forcing .....               | .05  | .30  | ....  | .90         | 3.00 |     |
| Early Shorthorn .....              | .05  | .25  | ....  | .75         | 2.50 |     |
| Oxheart or Guerande .....          | .05  | .20  | .60   | .70         | 2.00 |     |
| Chantenay .....                    | .05  | .25  | ....  | .75         | 2.50 |     |
| Danvers Half Long.....             | .05  | .25  | .60   | .75         | 2.25 |     |
| Half Long Scarlet Stump Rooted.... | .05  | .25  | ....  | .75         | 2.25 |     |
| Improved Long Orange .....         | .05  | .20  | ....  | .60         | 2.00 |     |

### PAGE 92.

#### STOCK CARROT.

|                     | ½ pt. | lb.  | PP.   | 10lbs. |
|---------------------|-------|------|-------|--------|
| Mastodon .....      | ....  | 1.10 | 10.00 |        |
| White Belgian ..... | ....  | 1.10 | 10.00 |        |
| Victoria .....      | .30   | 1.10 | 10.00 |        |

### PAGE 92.

#### CAULIFLOWER.

|                                  | Pkt. | ½ Oz. | Oz.  | ½ lb. |
|----------------------------------|------|-------|------|-------|
| Early Snowball .....             | .25  | 1.15  | 4.00 | 12.00 |
| Early Dwarf Erfurt .....         | .15  | 1.00  | 3.50 | 11.00 |
| Giant Danish or Dry Weather..... | .15  | 1.00  | 3.50 | 11.00 |
| Early Paris .....                | .10  | .90   | 3.50 | 11.00 |
| Danish Perfection .....          | .25  | 1.15  | 4.00 | 12.00 |
| Autumn Giant .....               | .15  | 1.00  | 3.50 | 11.00 |

### PAGE 93.

#### CELERIAC

|       |     |     |     |
|-------|-----|-----|-----|
| ..... | .05 | .25 | .75 |
|-------|-----|-----|-----|

### PAGE 93.

#### CELERY.

|                                  |     |      |      |
|----------------------------------|-----|------|------|
| Paris Golden Self Blanching..... | .25 | 1.50 | 4.50 |
| Golden Hearted Giant .....       | .05 | .30  | .75  |
| Montana Perfection .....         | .05 | .30  | .75  |
| Red Hearted English .....        | .05 | .35  | 1.00 |
| Golden Hearted Dwarf .....       | .05 | .30  | .75  |
| White Plume .....                | .05 | .35  | 1.00 |

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#### SWEET CORN.

|                          | Pkt. | ½ pt. | lb. | PP.  | 5lbs. |
|--------------------------|------|-------|-----|------|-------|
| Peep O'Day .....         | .05  | .20   | .55 | 2.65 |       |
| Early Minnesota .....    | .05  | .20   | .50 | 2.40 |       |
| Mammoth White Cory ..... | .05  | .20   | .50 | 2.40 |       |
| Extra Early Adams .....  | .05  | ....  | .30 | 1.40 |       |
| Golden Bantam .....      | .05  | .20   | .55 | 2.65 |       |
| Early Evergreen .....    | .05  | ....  | .55 | 2.65 |       |
| Black Mexican .....      | .05  | .20   | .50 | 2.40 |       |

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#### CUCUMBER.

|                         | Pkt. | Oz  | ½ lb. | lb.  | PP. |
|-------------------------|------|-----|-------|------|-----|
| Cumberland .....        | .05  | .15 | .50   | 1.50 |     |
| Davis Perfect .....     | .05  | .15 | .50   | 1.50 |     |
| Fordhook Famous .....   | .05  | .15 | .50   | 1.50 |     |
| Cool and Crisp .....    | .05  | .15 | .50   | 1.50 |     |
| Early White Spine ..... | .05  | .15 | .50   | 1.50 |     |



| CUCUMBER—(Continued.)      |       |     |       | Pkt.  | Oz.   | ½ lb. | lb. | lb. PP. |
|----------------------------|-------|-----|-------|-------|-------|-------|-----|---------|
| Early Frame or Short Green | ..... | .05 | .15   | .50   | 1.50  |       |     |         |
| Early Russian              | ..... | .05 | .15   | .50   | 1.50  |       |     |         |
| Improved Long Green        | ..... | .05 | .15   | .50   | 1.50  |       |     |         |
| White Wonder               | ..... | .05 | .15   | .50   | 1.50  |       |     |         |
| Japanese Climbing          | ..... | .05 | .15   | .50   | 1.50  |       |     |         |
| Boston Pickling            | ..... | .05 | .15   | .50   | 1.50  |       |     |         |
| Everbearing                | ..... | .05 | .15   | .50   | 1.50  |       |     |         |
| Rollinson's Telegraph      | ..... | .25 | ..... | ..... | ..... |       |     |         |
| Vaughn's Forcing           | ..... | .25 | ..... | ..... | ..... |       |     |         |

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| EGG PLANT.        |       |     |     | Pkt. | Oz. | ¼ lb. |
|-------------------|-------|-----|-----|------|-----|-------|
| Improved New York | ..... | .05 | .80 | 2.50 |     |       |

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| ENDIVE.      |       |     |     | Pkt. | Oz.  | ½ lb. | lb. | lb. PP. |
|--------------|-------|-----|-----|------|------|-------|-----|---------|
| White Curled | ..... | .05 | .20 | .60  | 2.00 |       |     |         |

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|                       |       |     |       |     |      |  |  |  |
|-----------------------|-------|-----|-------|-----|------|--|--|--|
| Green Curled          | ..... | .05 | ..... | .60 | 2.00 |  |  |  |
| Broad Leaved Batavian | ..... | .05 | ..... | .60 | 2.00 |  |  |  |

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|        |       |                                      |  |  |  |  |  |  |
|--------|-------|--------------------------------------|--|--|--|--|--|--|
| GARLIC | ..... | Per Lb., PP., 30c; Lb. Pur. Exp. 25c |  |  |  |  |  |  |
|--------|-------|--------------------------------------|--|--|--|--|--|--|

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|      |       |                                            |  |  |  |  |  |  |
|------|-------|--------------------------------------------|--|--|--|--|--|--|
| LEEK | ..... | Pkt. 5c; Oz., 25c; ¼ Lb., 80c; Lb., \$2.75 |  |  |  |  |  |  |
|------|-------|--------------------------------------------|--|--|--|--|--|--|

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| LETTUCE.                |       |     |     | Pkt. | Oz.  | ½ lb. | lb. | lb. PP. |
|-------------------------|-------|-----|-----|------|------|-------|-----|---------|
| May King                | ..... | .05 | .15 | .40  | 1.25 |       |     |         |
| Iceberg                 | ..... | .05 | .15 | .40  | 1.25 |       |     |         |
| Improved Hanson Head    | ..... | .05 | .15 | .45  | 1.50 |       |     |         |
| Prize Head              | ..... | .05 | .15 | .40  | 1.25 |       |     |         |
| California Cream Butter | ..... | .05 | .15 | .40  | 1.25 |       |     |         |
| Big Boston              | ..... | .05 | .15 | .40  | 1.25 |       |     |         |
| Immensity               | ..... | .05 | .15 | .40  | 1.25 |       |     |         |
| New York Head           | ..... | .05 | .15 | .45  | 1.50 |       |     |         |
| Tennis Ball             | ..... | .05 | .15 | .40  | 1.25 |       |     |         |
| Salamander              | ..... | .05 | .15 | .40  | 1.25 |       |     |         |
| Mignonette              | ..... | .05 | .15 | .40  | 1.25 |       |     |         |
| Crisp as Ice            | ..... | .05 | .15 | .40  | 1.25 |       |     |         |
| Passion                 | ..... | .05 | .15 | .40  | 1.25 |       |     |         |
| Denver Market           | ..... | .05 | .15 | .40  | 1.25 |       |     |         |

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|                      |       |     |     |     |      |  |  |  |
|----------------------|-------|-----|-----|-----|------|--|--|--|
| Grand Rapids         | ..... | .05 | .15 | .40 | 1.25 |  |  |  |
| The Morse            | ..... | .05 | .15 | .40 | 1.25 |  |  |  |
| Early Curled Simpson | ..... | .05 | .15 | .40 | 1.25 |  |  |  |
| Paris White Cos      | ..... | .05 | .15 | .40 | 1.25 |  |  |  |

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| MUSKMELONS.             |       |     |     | Pkt. | Oz.  | ½ lb. | lb. | lb. PP. |
|-------------------------|-------|-----|-----|------|------|-------|-----|---------|
| Rockyford or Nettle Gem | ..... | .05 | .15 | .40  | 1.25 |       |     |         |
| Gold Lined Rockyford    | ..... | .10 | .20 | .60  | 2.00 |       |     |         |
| Early Hackensack        | ..... | .05 | .15 | .40  | 1.25 |       |     |         |

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|                              |       |     |     |     |      |  |  |  |
|------------------------------|-------|-----|-----|-----|------|--|--|--|
| Maules Model                 | ..... | .05 | .15 | .40 | 1.25 |  |  |  |
| Jenny Lind                   | ..... | .05 | .15 | .40 | 1.25 |  |  |  |
| Early Citron or Early Nutmeg | ..... | .05 | .15 | .40 | 1.25 |  |  |  |
| Montreal Market              | ..... | .05 | .15 | .40 | 1.25 |  |  |  |
| Emerald Gem                  | ..... | .05 | .15 | .40 | 1.25 |  |  |  |
| The Hoodoo                   | ..... | .05 | .15 | .40 | 1.25 |  |  |  |
| Burrells Gem                 | ..... | .05 | .20 | .50 | 1.40 |  |  |  |
| Barlings Montana             | ..... | .10 | .20 | .50 | 1.40 |  |  |  |
| Osage or Millers Cream       | ..... | .05 | .15 | .40 | 1.25 |  |  |  |
| The Grand                    | ..... | .05 | .15 | .40 | 1.25 |  |  |  |
| Garden Lemon                 | ..... | .10 | .15 | .40 | 1.25 |  |  |  |

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| WATERMELONS.          |       |     |     | Pkt. | Oz.  | ½ lb. | lb. | lb. PP. |
|-----------------------|-------|-----|-----|------|------|-------|-----|---------|
| Fordhook Early        | ..... | .05 | .15 | .40  | 1.25 |       |     |         |
| Coles Early           | ..... | .05 | .10 | .30  | .90  |       |     |         |
| Phinneys Early        | ..... | .05 | .10 | .30  | .90  |       |     |         |
| Kleckly Sweet         | ..... | .05 | .10 | .30  | 1.00 |       |     |         |
| Mountain Sweet        | ..... | .05 | .10 | .30  | 1.00 |       |     |         |
| Improved Kolbs Gem    | ..... | .05 | .10 | .30  | 1.00 |       |     |         |
| Peerless or Ice Cream | ..... | .05 | .10 | .30  | 1.00 |       |     |         |
| Citron—Green Seeded   | ..... | .05 | .15 | .40  | 1.25 |       |     |         |
| Citron—Red Seeded     | ..... | .05 | .15 | .40  | 1.25 |       |     |         |

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| MUSTARD.        |       |     |     | Pkt. | Oz.  | ½ lb. | lb. | lb. PP. |
|-----------------|-------|-----|-----|------|------|-------|-----|---------|
| White           | ..... | .05 | .10 | .30  | 1.00 |       |     |         |
| Southern Curled | ..... | .05 | .10 | .30  | 1.00 |       |     |         |

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| ONION SETS.                                             |       |     |     | lb. PP. | lb. | 10 lbs. | Bu. |
|---------------------------------------------------------|-------|-----|-----|---------|-----|---------|-----|
| Yellow Bottom                                           | ..... | .30 | .25 | 2.00    |     |         |     |
| Red Bottom                                              | ..... | .30 | .25 | 2.00    |     |         |     |
| White Bottom                                            | ..... | .35 | .30 | 2.50    |     |         |     |
| Yellow Multipliers                                      | ..... | .30 | .25 | 2.00    |     |         |     |
| Red Top or Egyptian—for Fall planting, ready September. | ..... |     |     |         |     |         |     |

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| ONIONS.                       |       |     |     | Pkt. | Oz.  | ¼ lb. | lb. | lb. PP.     |
|-------------------------------|-------|-----|-----|------|------|-------|-----|-------------|
| White Pickling                | ..... | .05 | .50 | 1.75 | 6.00 |       |     |             |
| White Portugal or Silver Skin | ..... | .05 | .50 | 1.75 | 6.00 |       |     |             |
| Barletta or White Queen       | ..... | .05 | .50 | 1.75 | 6.00 |       |     |             |
| Mammoth or Silver King        | ..... | .05 | .50 | 1.75 | 6.00 |       |     |             |
| White Welsh                   | ..... |     |     |      |      |       |     | Crop Failed |
| Southport White Globe         | ..... | .05 | .50 | 1.75 | 6.00 |       |     |             |

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|                        |       |     |     |      |      |  |  |  |
|------------------------|-------|-----|-----|------|------|--|--|--|
| Large Red Wethersfield | ..... | .05 | .35 | 1.00 | 3.50 |  |  |  |
| Southport Red Globe    | ..... | .05 | .40 | 1.25 | 4.50 |  |  |  |
| Extra Early Flat Red   | ..... | .05 | .40 | 1.25 | 4.50 |  |  |  |
| Australian Brown       | ..... | .05 | .40 | 1.25 | 4.50 |  |  |  |
| Yellow Globe Danvers   | ..... | .05 | .40 | 1.25 | 4.50 |  |  |  |
| Yellow Flat Danvers    | ..... | .05 | .40 | 1.25 | 4.50 |  |  |  |
| Prizetaker             | ..... | .05 | .50 | 1.50 | 5.00 |  |  |  |
| Southport Yellow Globe | ..... | .05 | .50 | 1.50 | 5.00 |  |  |  |

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| PARSLEY.                 |       |     |     | Pkt. | Oz.  | ¼ lb. | lb. | lb. PP. |
|--------------------------|-------|-----|-----|------|------|-------|-----|---------|
| Moss Curled              | ..... | .05 | .15 | .40  | 1.25 |       |     |         |
| Extra Double Curled      | ..... | .05 | .15 | .40  | 1.25 |       |     |         |
| Hamburg or Turnip Rooted | ..... | .05 | .15 | .35  | 1.00 |       |     |         |

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| PARSNIP.                 |       |     |     | Pkt. | Oz.  | ½ lb. | lb. | lb. PP. |
|--------------------------|-------|-----|-----|------|------|-------|-----|---------|
| Hollow Crown, ½ Pt., 40c | ..... | .05 | .20 | .60  | 1.75 |       |     |         |
| Improved Gurnsey         | ..... | .05 | .20 | .60  | 1.75 |       |     |         |
| Sweet Marrow             | ..... | .05 | .20 | .60  | 1.75 |       |     |         |

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| PEAS.           |       |     |       | Pkt. | ½ pt. | lb. | lb. PP. | 5 lbs. |
|-----------------|-------|-----|-------|------|-------|-----|---------|--------|
| Alaska          | ..... | .05 | ..... | .35  | 1.50  |     |         |        |
| American Wonder | ..... | .05 | .15   | .35  | 1.50  |     |         |        |

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|                                  |       |     |       |     |      |  |  |  |
|----------------------------------|-------|-----|-------|-----|------|--|--|--|
| Premium Gem                      | ..... | .05 | .15   | .30 | 1.25 |  |  |  |
| Notts Excelsior                  | ..... | .05 | .15   | .35 | 1.50 |  |  |  |
| Little Marvel                    | ..... | .05 | .15   | .35 | 1.50 |  |  |  |
| Carters Daisy or Dwarf Telephone | ..... | .05 | .15   | .35 | 1.50 |  |  |  |
| Thos. Laxton                     | ..... | .05 | .15   | .35 | 1.50 |  |  |  |
| Laxtonian                        | ..... | .05 | .15   | .35 | 1.50 |  |  |  |
| Horsford's Market Garden         | ..... | .05 | ..... | .30 | 1.25 |  |  |  |
| Gradus                           | ..... | .05 | .15   | .35 | 1.50 |  |  |  |
| Yorkshire Hero                   | ..... | .05 | .15   | .30 | 1.25 |  |  |  |
| White Marrowfat                  | ..... | .05 | .15   | .25 | 1.00 |  |  |  |

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|                       |       |     |       |     |      |  |  |  |
|-----------------------|-------|-----|-------|-----|------|--|--|--|
| Roosevelt             | ..... | .05 | .15   | .35 | 1.50 |  |  |  |
| Champion of England   | ..... | .05 | .15   | .35 | 1.50 |  |  |  |
| Telephone             | ..... | .05 | .15   | .35 | 1.50 |  |  |  |
| Mammoth Melting Sugar | ..... | .10 | ..... | .40 | 1.75 |  |  |  |

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| PUMPKINS.         |       |     |     | Pkt. | Oz.  | ½ lb. | lb. | lb. PP. |
|-------------------|-------|-----|-----|------|------|-------|-----|---------|
| Connecticut Field | ..... | .05 | .10 | .30  | .85  |       |     |         |
| Japanese Pie      | ..... | .05 | .10 | .30  | 1.00 |       |     |         |
| Quaker Pie        | ..... | .05 | .10 | .30  | 1.00 |       |     |         |

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|                                |       |     |     |     |      |  |  |  |
|--------------------------------|-------|-----|-----|-----|------|--|--|--|
| Large Cheese or Kentucky Field | ..... | .05 | .10 | .30 | .85  |  |  |  |
| Tennessee Sweet Potato         | ..... | .05 | .10 | .30 | 1.00 |  |  |  |
| Jumbo or King of the Mammoth   | ..... | .05 | .15 | .35 | 1.95 |  |  |  |
| Early Small Sugar or Pie       | ..... | .05 | .10 | .30 | 1.00 |  |  |  |
| Winter Luxury                  | ..... | .05 | .10 | .30 | 1.00 |  |  |  |



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## RADISH.

|                                       | Pkt. | Oz. | 1/2 lb. | lb.  | PP. |
|---------------------------------------|------|-----|---------|------|-----|
| Early Scarlet Turnip White Tipped.... | .05  | .20 | .55     | 1.75 |     |
| Early Scarlet Turnip .....            | .05  | .20 | .55     | 1.75 |     |
| Sparkler .....                        | .05  | .20 | .55     | 1.75 |     |
| Peerless Family .....                 | .05  | .20 | .55     | 1.75 |     |
| Non Plus Ultra .....                  | .05  | .20 | .55     | 1.75 |     |
| Early Bird .....                      | .05  | .20 | .60     | 2.00 |     |
| Triumph .....                         | .05  | .20 | .55     | 1.75 |     |
| Early White Turnip .....              | .05  | .20 | .55     | 1.75 |     |
| Crimson Giant Turnip .....            | .05  | .20 | .55     | 1.75 |     |
| Early Scarlet Globe .....             | .05  | .20 | .55     | 1.75 |     |
| French Breakfast .....                | .05  | .15 | .50     | 1.50 |     |

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|                                  |     |     |     |      |  |
|----------------------------------|-----|-----|-----|------|--|
| White Vienna or Lady Finger..... | .05 | .20 | .60 | 2.00 |  |
| Long Scarlet Short Top.....      | .05 | .20 | .55 | 1.75 |  |
| White Icicle .....               | .05 | .20 | .60 | 2.00 |  |
| White Strasburg .....            | .05 | .20 | .55 | 1.75 |  |
| China Rose .....                 | .05 | .20 | .55 | 1.75 |  |
| Mammoth White China .....        | .05 | .20 | .60 | 2.25 |  |
| Long Black Spanish .....         | .05 | .15 | .20 | 1.50 |  |
| Round Black Spanish .....        | .05 | .15 | .50 | 1.50 |  |
| Sakurijima .....                 | .05 | .20 | .70 | 2.50 |  |
| Nerima or Mikado .....           | .05 | .20 | .70 | 2.50 |  |

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## SPINACH.

|                              |     |     |     |      |  |
|------------------------------|-----|-----|-----|------|--|
| Long Standing .....          | .05 | .20 | .60 | 2.25 |  |
| Improved Thick Leaved .....  | .05 | .20 | .60 | 2.50 |  |
| Bloomdale Savoy Leaved ..... | .05 | .20 | .60 | 2.00 |  |
| Prickly Winter .....         | .05 | .20 | .60 | 2.00 |  |
| New Zealand .....            | .05 | .20 | .60 | 2.25 |  |

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|               |     |     |     |      |  |
|---------------|-----|-----|-----|------|--|
| SALSIFY ..... | .05 | .25 | .90 | 3.00 |  |
|---------------|-----|-----|-----|------|--|

# PAGE 108.

## SQUASH.

|                               |     |     |     |      |  |
|-------------------------------|-----|-----|-----|------|--|
| Early White Bush Scallop..... | .05 | .10 | .30 | 1.00 |  |
| Fordhook .....                | .05 | .10 | .30 | 1.00 |  |
| Golden Summer Crookneck.....  | .05 | .15 | .30 | 1.25 |  |
| Chicago Warted Hubbard .....  | .05 | .15 | .30 | 1.25 |  |
| Red, or Golden Hubbard.....   | .05 | .15 | .30 | 1.25 |  |
| Improved Hubbard .....        | .05 | .15 | .30 | 1.25 |  |
| Banana .....                  | .05 | .15 | .30 | 1.25 |  |
| Delicious .....               | .05 | .15 | .30 | 1.25 |  |
| Golden Custard .....          | .05 | .10 | .30 | 1.00 |  |
| Boston Marrow .....           | .05 | .10 | .30 | 1.00 |  |
| Sibley or Pikes Peak.....     | .05 | .10 | .30 | 1.00 |  |
| Vegetable Marrow .....        | .05 | .10 | .30 | 1.00 |  |

TOMATOES—See Page 109.

# PAGE 110.

## TURNIP.

|                                     |     |     |     |      |  |
|-------------------------------------|-----|-----|-----|------|--|
| White Milan (Extra Early).....      | .05 | .20 | .60 | 2.50 |  |
| Purple Top Milan (Extra Early)..... | .05 | .20 | .60 | 2.00 |  |
| Purple Top White Globe.....         | .05 | .20 | .60 | 2.25 |  |
| White Egg .....                     | .05 | .20 | .60 | 2.00 |  |
| Purple Top Strap Leaf .....         | .05 | .20 | .60 | 2.25 |  |
| Early Snowball .....                | .05 | .20 | .60 | 2.00 |  |
| Golden Ball .....                   | .05 | .20 | .60 | 2.00 |  |

# PAGE 110.

## RUTABAGA

|                                     |     |     |     |      |  |
|-------------------------------------|-----|-----|-----|------|--|
| Bangholm .....                      | .05 | .20 | .60 | 2.25 |  |
| Prizewinner .....                   | .05 | .20 | .60 | 2.25 |  |
| American Purple Top.....1/2 Pt. 80c | .05 | .20 | .60 | 2.25 |  |
| Large White or Sweet German.....    | .05 | .20 | .60 | 2.25 |  |
| Hurst's Monarch .....               | .05 | .20 | .60 | 2.25 |  |

# FIELD SEEDS.

Prices Subject to Change.

All prices quoted, NOT under PP. (Postpaid) are at Purchaser's Expense, by express or freight.

# PAGE 113.

|                                  | Lb. PP. | Lb. | 10 lb. | 25 lb. | 100 lb. |
|----------------------------------|---------|-----|--------|--------|---------|
| ALFALFA.                         |         |     |        |        |         |
| True Grimm Registered.....       | 1.00    | .85 | 8.50   | 19.00  | 65.00   |
| Mont. Grimm "Peerless," not reg. | .65     | .60 | 5.50   | 12.50  | 48.00   |
| Liscomb "Peerless" .....         | .45     | .40 | 4.00   | 9.00   | 33.00   |
| Liscomb "Placer" .....           | .40     | .35 | 3.50   | 8.00   | 28.00   |

# PAGE 114.

|                          | Lb. PP. | Lb. | 10 lb. | 25 lb. | 100 lb. |
|--------------------------|---------|-----|--------|--------|---------|
| Montana "Peerless" ..... | .45     | .40 | 3.50   | 7.50   | 27.00   |
| Montana "Placer" .....   | .40     | .35 | 3.00   | 7.00   | 24.00   |
| Montana "Quartz" .....   | .35     | .30 | 2.50   | 6.00   | 20.00   |
| Turkestan .....          | .40     | .35 | 3.00   | 7.00   | 24.00   |

# PAGE 115.

## CLOVER.

|                                       |     |     |      |       |       |
|---------------------------------------|-----|-----|------|-------|-------|
| Medium Red .....                      | .45 | .40 | 3.75 | 8.75  | 34.00 |
| Mammoth Red "Peerless" .....          | .50 | .45 | 4.25 | 9.00  | 34.50 |
| Alsike "Peerless" .....               | .45 | .40 | 3.50 | 8.10  | 29.00 |
| Alsike "Placer" .....                 | .40 | .35 | 3.40 | 7.85  | 28.00 |
| White Dutch .....                     | .70 | .65 | 6.00 | 14.50 | 56.00 |
| Sweet White Blossom "Peerless" .....  | .45 | .40 | 3.50 | 8.00  | 29.00 |
| Sweet White Blossom "Placer" .....    | .40 | .35 | 3.00 | 7.50  | 26.00 |
| Sweet White Blossom "Quartz" .....    | .35 | .30 | 2.30 | 5.50  | 20.00 |
| Sweet Yellow Blossom "Peerless" ..... | .45 | .40 | 3.40 | 7.75  | 28.00 |

# PAGE 115.

## RED TOP.

|                             |     |     |      |      |       |
|-----------------------------|-----|-----|------|------|-------|
| Solid Seed "Peerless" ..... | .30 | .25 | 2.30 | 5.50 | 20.00 |
| Solid Seed "Placer" .....   | .27 | .22 | 2.10 | 5.00 | 18.00 |

# PAGE 115.

## TIMOTHY.

|                                |     |     |      |      |       |
|--------------------------------|-----|-----|------|------|-------|
| "Peerless" .....               | .25 | .20 | 1.60 | 3.50 | 12.00 |
| TIMOTHY—"Placer" .....         | .23 | .18 | 1.50 | 3.25 | 11.00 |
| ALSIKE AND TIMOTHY MIXED ..... | .25 | .20 | 1.75 | 3.75 | 14.00 |

# PAGE 116.

## BLUE GRASS.

|                           |     |     |      |      |       |
|---------------------------|-----|-----|------|------|-------|
| Kentucky "Peerless" ..... | .35 | .30 | 2.80 | 6.95 | 27.50 |
| Kentucky "Placer" .....   | .30 | .25 | 2.25 |      |       |

# PAGE 116.

|                           |     |     |      |      |       |
|---------------------------|-----|-----|------|------|-------|
| BROME GRASS .....         | .35 | .30 | 2.80 | 7.00 | 26.00 |
| SLENDER WHEAT GRASS.....  | .35 | .30 | 2.50 | 5.00 | 18.50 |
| ORCHARD GRASS .....       | .40 | .35 | 3.30 | 8.00 | 30.00 |
| SUDAN GRASS .....         | .35 | .30 | 2.60 | 6.25 | 23.00 |
| PERENNIAL RYE GRASS ..... | .30 | .25 | 1.60 | 3.50 | 12.00 |

# PAGE 117.

## MILLETS.

|                        |     |     |      |      |      |
|------------------------|-----|-----|------|------|------|
| White Wonder .....     | .25 | .20 | 1.25 | 2.80 | 8.50 |
| German .....           | .20 | .15 | 1.10 | 2.50 | 7.00 |
| Siberian or Kursk..... | .20 | .15 | 1.20 | 2.50 | 7.50 |
| Hog or Broom Corn..... | .20 | .15 | 1.10 | 2.50 | 7.00 |
| Japanese .....         | .20 | .15 | 1.10 | 2.50 | 7.00 |

# PAGE 117.

|                |     |     |      |      |       |
|----------------|-----|-----|------|------|-------|
| FETERITA ..... | .25 | .20 | 1.60 |      |       |
| LENTILS .....  | .30 | .25 | 2.00 | 4.75 | 17.50 |

# PAGE 118.

## SORGHUM.

|                          |     |     |      |      |       |
|--------------------------|-----|-----|------|------|-------|
| Southern Amber Cane..... | .25 | .20 | 1.60 | 3.50 | 12.00 |
|--------------------------|-----|-----|------|------|-------|

# PAGE 118.

## KAFFIR CORN.

|             |     |     |      |      |      |
|-------------|-----|-----|------|------|------|
| White ..... | .20 | .15 | 1.00 | 2.25 | 6.50 |
|-------------|-----|-----|------|------|------|

# PAGE 118.

## FIELD PEAS.

|                       |     |     |      |      |       |
|-----------------------|-----|-----|------|------|-------|
| Canada .....          | .25 | .20 | 1.40 | 2.60 | 8.50  |
| White Marrowfat ..... | .25 | .20 | 1.60 | 3.50 | 12.50 |
| Alaska .....          | .25 | .20 | 1.75 | 3.85 | 14.00 |
| Mixed .....           | .20 | .15 | 1.40 | 2.60 | 8.50  |

Write for Price in Ton lots.

# PAGE 118.

## VETCHES.

|                    |     |     |      |      |       |
|--------------------|-----|-----|------|------|-------|
| Spring Vetch ..... | .20 | .15 | 1.40 | 2.75 | 9.50  |
| Winter Vetch ..... | .35 | .30 | 2.50 | 6.00 | 21.00 |

# PAGE 118.

## FLAX.

|                                                  |     |     |      |      |       |
|--------------------------------------------------|-----|-----|------|------|-------|
| Russian (Not guaranteed free from Mustard) ..... | .25 | .20 | 1.40 | 2.75 | 9.50  |
| North Dakota #114.....                           | .25 | .20 | 1.50 | 3.00 | 10.00 |



**PAGE 119.**

**SUNFLOWER.**

|               |     | By Exp. or Frt. |      |        |        |         |
|---------------|-----|-----------------|------|--------|--------|---------|
| SUNFLOWER.    | Lb. | PP.             | Lb.  | 10 lb. | 25 lb. | 100 lb. |
| Russian ..... | .25 | .20             | 1.75 | 4.25   | 15.00  |         |

**PAGE 119.**

**RAPE.**

|                   |     |     |      |      |       |  |
|-------------------|-----|-----|------|------|-------|--|
| Dwarf Essex ..... | .30 | .25 | 2.00 | 4.50 | 15.50 |  |
|-------------------|-----|-----|------|------|-------|--|

**PAGE 119.**

**BUCKWHEAT.**

|                   |     |     |      |      |      |  |
|-------------------|-----|-----|------|------|------|--|
| Silver Hull ..... | .25 | .20 | 1.25 | 2.50 | 9.00 |  |
|-------------------|-----|-----|------|------|------|--|

**PAGE 119.**

**WHEAT.**

|                                                               |  |
|---------------------------------------------------------------|--|
| Durum or Macaroni                                             |  |
| Marquis                                                       |  |
| Soft Spring Club                                              |  |
| Kharkov                                                       |  |
| Turkey Red                                                    |  |
| Crail Fife                                                    |  |
| Write for prices—stating quantity desired.                    |  |
| Burbank Super-Wheat—See Page 121. (Postpaid) per lb., \$5.00. |  |

**PAGE 119.**

**OATS.**

|                                            |  |
|--------------------------------------------|--|
| Swedish Select                             |  |
| Big Four                                   |  |
| National                                   |  |
| Sixty Day                                  |  |
| Golden Rust Proof                          |  |
| Write for prices—stating quantity desired. |  |

**PAGE 120.**

|                               | By Exp. or Frt. |     |     |        |        |       |
|-------------------------------|-----------------|-----|-----|--------|--------|-------|
|                               | Lb.             | PP. | Lb. | 10 lb. | 25 lb. | 100lb |
| <b>SPELTZ or EMMER.</b> ..... | .15             | .10 | .70 | 1.50   | 4.50   |       |

**PAGE 120.**

**RYE—SPRING**—Write for prices.

**PAGE 120.**

**RYE—WINTER**—Write for prices.

**PAGE 120.**

**BARLEY.**

|                                        |     |     |     |      |                  |  |
|----------------------------------------|-----|-----|-----|------|------------------|--|
| White Hullless .....                   | .15 | .10 | .75 | 1.10 | 5.75             |  |
| Two Row .....                          |     |     |     |      | Write for Prices |  |
| Six Row .....                          | .15 | .10 | .60 | 1.25 | 4.00             |  |
| Write for prices in larger quantities. |     |     |     |      |                  |  |

**PAGE 122.**

**FIELD CORN.**

|                                         |     |     |
|-----------------------------------------|-----|-----|
| White Dent High Power .....             | .25 | .20 |
| Brown County Yellow Dent .....          | .25 | .20 |
| Minnesota #13 Ex. Early Yel. Dent ..... | .25 | .20 |
| Rustler White Dent .....                | .25 | .20 |
| Northwestern Dent .....                 | .25 | .20 |
| Minnesota #23 or White Cap Dent .....   | .25 | .20 |
| North Dakota White Flint .....          | .25 | .20 |

**PAGE 122.**

**FODDER CORN.**

|                  |                     |
|------------------|---------------------|
| Yellow Fodder    | } Write for Prices. |
| White Cob Fodder |                     |
| Red Cob Fodder   |                     |

**PAGE 123.**

**POTATOES.**

|                                                         | 25 lb. | 50 lb.   | 100 lb. |
|---------------------------------------------------------|--------|----------|---------|
| Million Dollar .....                                    | 1.50   | 2.75     | 5.00    |
| Hammond .....                                           | 1.25   | 2.25     | 4.00    |
| Roman Beauty .....                                      | 1.50   | 2.75     | 5.00    |
| Early Ohio .....                                        | 1.25   | 2.25     | 4.00    |
| Early Six Weeks .....                                   | 1.25   | 2.25     | 4.00    |
| Norwegian or Swedish (Only 10 Lbs. to a customer) ..... |        | 10 Lbs., | \$1.00  |
| Write for prices on larger quantities.                  |        |          |         |

**PAGE 124**

**POULTRY FOOD AND REMEDIES.**

**PAGE 125.**

**FARMOGERM.**

Farmogerm is prepared for Alfalfa, Peas, Beans, Clovers, Vetch and all Legumes.

|                                  |           |                    |
|----------------------------------|-----------|--------------------|
| Extra Farm Size .....            | 100 Acres | } Write for Prices |
| Farm Size .....                  | 50 Acres  |                    |
| Small Farm Size .....            | 5 Acres   |                    |
| Trial Farm Size .....            | 1 Acre    | 4.75               |
| For Peas, Bean, Sweet Peas only. |           |                    |
| Garden Size .....                | ¼ Acre    | .50                |
| Half Garden Size .....           |           | .25                |
| Always state crop to be treated. |           |                    |

**PAGE 125.**

**ALL-CROP FARMOGERM.**

|                   |      |
|-------------------|------|
| 5 Acre Size ..... | 6.00 |
| 1 Acre Size ..... | 1.75 |

**PAGE 126.**

**PARIS GREEN** ..... Write for Price  
**ARSENATE OF LEAD, PASTE** ..... Write for Price

**THE FOLLOWING ARTICLES ARE NOT LISTED IN BODY OF CATALOG.**



**Corona Arsenate of Lead**—(Dry Powdered), ½ Lb., 35c; Lb., 60c; 5 Lbs., \$2.75; 10 Lbs., \$5.00. If desired by Parcel Post add 5c per lb.



**Corona Dusting Sulphur**—½ Lb., 10c; Lb., 20c; 5 Lbs. 75c; 10 Lbs., \$1.20.

If desired by Parcel Post add 5c per lb.

**Corona Dry Bordeaux Mixture**—½ Lb., 25c; Lb., 40c. If desired by Parcel Post add 5c per Lb.

**Corona Tobacco Dust**—½ Lb., 10c; Lb., 20c; 5 Lbs., 75c. If desired by Parcel Post add 5c per Lb.



**Corona Hand Dusters**—\$2.50 each.



# LETTUCE

Ger.—Gartensalat.

Scand.—Salat.

¼ Oz. to 100 Feet of Drill. 3 Lbs. to the Acre.

Lettuce is represented by four distinct classes or types—by the thick-leaved, smooth-edged cabbage-heading type; the curly and thin-leaved, tight-heading, crisp type; the curly and thin-leaved bunching or non-heading type, and the Cos or celery type. There are early, medium early and late varieties of each type, as well as those especially adapted for greenhouse, hot-bed, winter, spring, summer and autumn uses. There is so great a difference in localities in regard to the value of Lettuce, that a uniform rule for culture cannot be adopted. For the ordinary house garden it is desirable to use one variety of each type and several plantings should be made to secure a succession. The seed should be planted in rows eighteen inches apart, as early as possible, and the young plants of cabbage varieties should be thinned to four inches apart. Varieties that do not head may be left quite thick and when fairly well grown those thinned out may be used.

FOR PRICES SEE RED INSERT—PAGE 96.



Lettuce—May King.

## HEADING VARIETIES

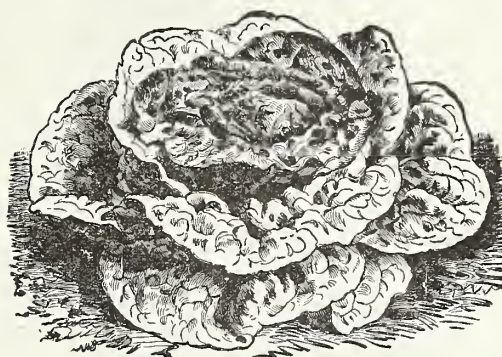
**May King**—A few years ago it was hardly known in America, now it is found in the gardens of nearly every up-to-date grower. It simply forced its way to the front on the basis of its sterling merits. It grows very quickly even in the cold weather of early spring. The habit of growth is very compact and close; in fact the plant is about all head. Outer leaves light green inner leaves bright yellow and of a fine rich, buttery flavor. Heads weigh from 12 to 16 ozs., and are so solid that they carry to market in perfect condition.

**Iceberg**—A large heading variety; crisp and brittle, and color bright green, lightly tinged with brown on top of the head; leaves curled on the edges.

**Improved Hanson Head**—A large summer heading Lettuce; very crisp and tender and slow to run to seed; is tender at any stage of growth.

**Prize Head**—White seed, large, loose, heading variety of exquisite flavor; leaves curly, tipped reddish brown. A great favorite with all.

**California Cream Butter or Royal Summer Cabbage**—A very popular variety for autumn and winter use. Forms a very large head, which is very buttery, and of rich golden-yellow inside. The leaves are thick and of bright green, slightly tinged with brown on top of head, and the outer leaves are slightly spotted with inconspicuous brown spots. Easy to grow and a good shipping variety.



Lettuce—Big Boston.

**Big Boston**—The well known and popular hothouse variety of New England. Needs to be quickly grown to be of good flavor. Light green cabbage variety, slightly tinged with brown on the head. Forms a compact but-tery head.

**Immensity**—The largest variety of Head Lettuce known to the trade. The size of the heads which have been grown of this variety are beyond belief until actually seen and grown, and its quality is most excellent in every respect.

**New York Head**—This Lettuce originating near New York is a sure header, very tight and solid. It is the variety so extensively grown for the California markets under the name of the Los Angeles or Wonderful, and in some sections under the name Neapolitan Cabbage Lettuce.



Lettuce—Boston Market or Tennisball. W. S.

**Boston Market or Tennisball W. S.**—Smooth-leaved heading variety for late summer use or will stand forcing very well. Its solid, compact habit and good flavor are much sought for.

**Salamander**—The most popular variety for withstanding the hot weather, and forming a close sure head; very solid, of medium size, and excellent quality.

**Mignonette**—Of splendid quality, rather small but very solid, compact heads. Slightly curled edges of leaves tinted with brown. A valuable variety.

**Crisp as Ice**—Very solid large heads, with a rich creamy heart. Very tender and crisp.

**Passion**—A great California favorite, very solid heads. A splendid shipper.

**Denver Market**—A handsome variety, forming very tight conical heads. Even the outside leaves remain crisp and tender.



**LOOSE LEAVED VARIETIES**

FOR PRICES SEE RED INSERT—PAGE 96.



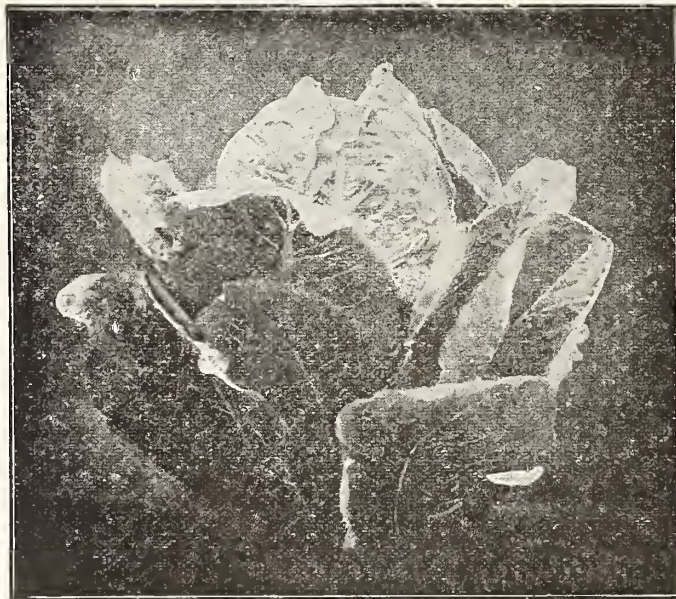
Extra Select Grand Rapids Forcing

**Grand Rapids**—A popular variety for greenhouse planting and will make a quick growth under adverse conditions. Its upright habit permits close planting.

**The Morse**—A large loose-bunching or non-heading variety. Invaluable for forcing. Very crisp and of fine flavor. In color it is a light green and very attractive.

**Early Curled Simpson or Silesia**—Form a compact bunch of yellowish green leaves; rapid grower, desirable for forcing.

**Black Seeded Simpson**—A splendid variety either for forcing or outdoor cultivation. Large loose heads of light green color, very crisp and tender.

**ROMAINE, COS, OR CELERY LETTUCE.**

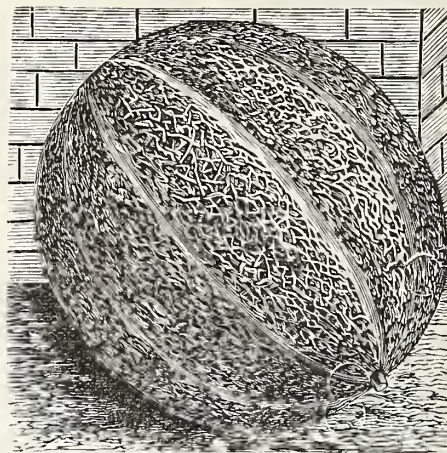
Lettuce—Paris White Cos.

**Paris White Cos**—Distinct variety of upright growth; leaves should be tied together near top when they soon become crisp and delicious as celery stalks, and eaten in the same manner.

**MUSKMELONS**

One ounce will plant about 50 hills, 2 to 3 lbs. in hills per acre.

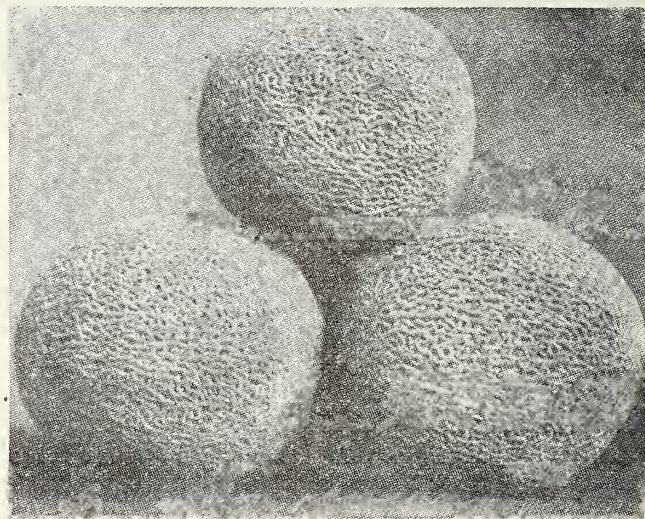
**Culture**—A rich, deep sand loam, well worked and highly manured with old rotten compost is of the first importance. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way; scatter a dozen seeds to a hill, and after they are out of danger from bugs thin to 3 or 4 plants. When they have 4 or 5 rough leaves pinch off the end of the main shoot, which will cause the lateral branches to put forth fruit sooner.

**GREEN FLESHED VARIETIES.**

Muskmelon—Rocky Ford or Netted Gem.

**Rocky Ford or Netted Gem**—Is a valuable introduction, and has attained in an incredibly short time a national reputation. It is of the Emerald Gem type, oval in shape, averaging from four and one-half to five inches in length of a delicious flavor; very fine and smooth grained flesh of a light green color throughout when ripe.

**Extra Early Hackensack**—Very popular variety; one that matures early and of good quality.



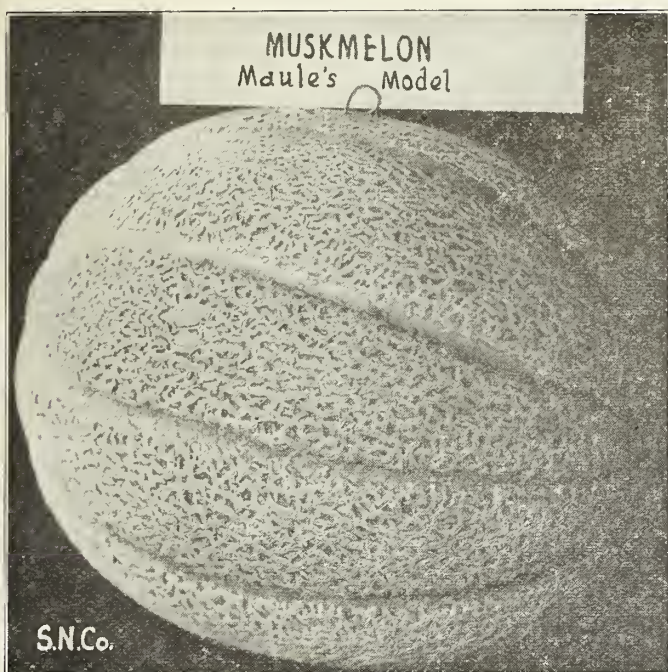
Muskmelon—Gold Lined Rockyford.

**Gold Lined Rocky Ford**—This new variety is one of the largest of the Rocky Ford type, and the seed we offer is extra choice, selected from seed originally direct from the originator. It is very prolific, of uniform size, very thick flesh, of a rich golden yellow next to the seed cavity, fruit very thickly netted. Very fine in every respect.

FOR PRICES SEE RED INSERT—PAGE 96.



## MUSKMELONS—(Continued.)



**Maule's Model**—(Montana Grown Seed)—A paragon of merit—in size, shape, netting, appearance, aroma, flavor, depth of flesh, smallness of seed cavity, cropping ability and shipping quality it leaves nothing to be desired.

**Jenny Lind**—This is the earliest of the green fleshed sorts and one of the sweetest. It is round or flattened. In size it is small, being from three to five inches in diameter—a very convenient size for serving in halves. It is more largely grown in the great melon producing state of New Jersey than any other sort, and is used in enormous quantities in the eastern cities and at the seashore resorts.

**Extra Early Citron or Early Nutmeg**—For early general use this variety is unsurpassed; uniform in size, thick fleshed, delicious flavor.

**Montreal Market**—A very large fruited variety, slightly oval, and heavily netted.

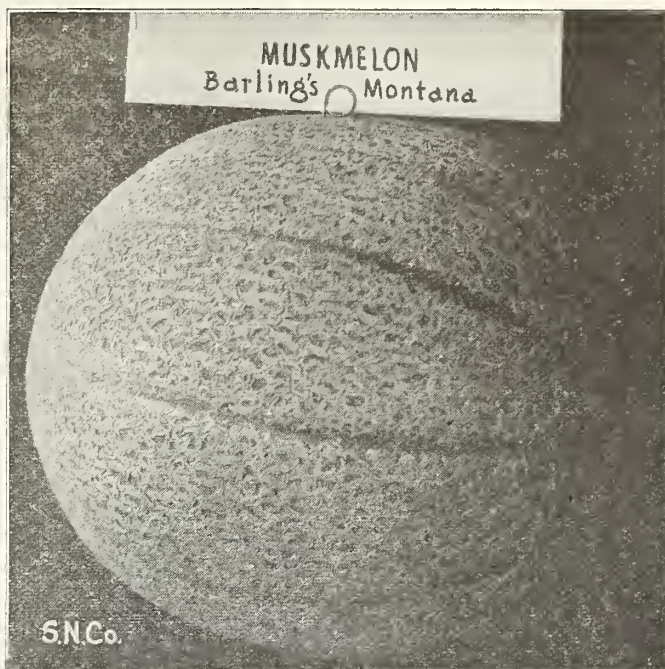
## ORANGE OR YELLOW FLESHED VARIETIES.

**Emerald Gem**—This has become one of the most popular of small or basket melons. The fruit is oval, slightly ribbed, densely covered with coarse netting. Flesh thick, very sweet and highly flavored.

**The Hoodoo**—The fruit is of medium size; the seed cavity very small; the rind very thin indeed; and the edible, flesh part very thick and meaty. It is of orange or salmon color, the type much preferred now.

## PINK OR SALMON FLESHED VARIETIES.

**Burrell's Gem**—A medium sized oval deeply netted and having salmon or red flesh. It is larger than Rocky Ford and of an entirely distinct flavor. There is a growing demand for the fine grained smooth, salmon-red fleshed Muskmelons and Burrell's Gem seems to be one of the best in cultivation.



**Barling's Montana**—Ideal in size for family use, oval shape, flesh salmon pink; thick fleshed, with small seed cavity; originated in Montana and matures with the earliest.

**Osage or Miller's Cream**—Medium sized fruit, oval shape, with shallow netting. Flesh very thick and very small seed cavity. Exceptionally fine flavor.



**The Grand**—Has a vigorous vine and because of its vigorous growth is a great yielder. The fruit is round or slightly elongated, slightly ribbed. Color a peculiar pea green with nettings lighter ribbed. The flesh is firm, fine grained of a rich salmon or red color. In flavor it even surpasses the best grown Osage or Emerald Gem. The flesh extends to the rind and retains its color and quality quite to the outer shell, which, though thin, is very hard and firm and because of this bears shipment remarkably well. The flesh is very thick, considering the size of the melon, leaving a small seed cavity.

**Garden Lemon**—Fruits short, nearly round with yellow and green markings; skin smooth, flesh very tender and of sweet flavor. Best when turning yellow. Makes good preserves.



# WATER MELONS

**Ger.—Wassermelone.**

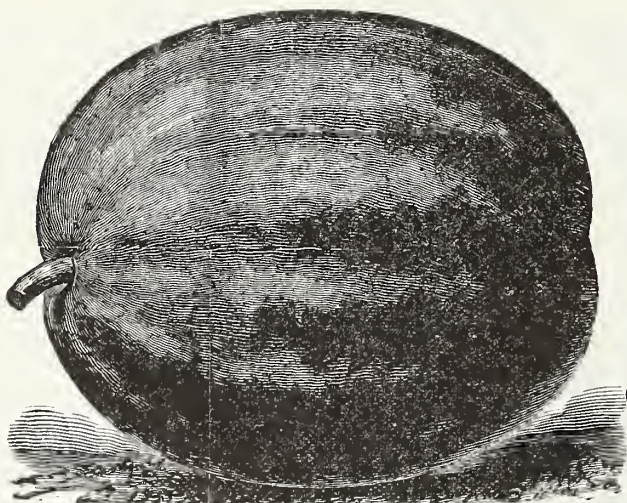
**Scand.—Vandmelon.**

The hills should be dug about 2 feet square 18 inches deep, and half filled with well-rotted manure which must be thoroughly incorporated with the soil. Plant in May, 10 seeds to a hill, and when the plants are well up, thin out to three, and pinch the ends of the growing shoots to induce early fruiting. While the watermelon is, generally speaking, a southern product, yet the cultivation of same is not confined to the south. Some of the sweetest and best melons we have seen were produced in the latitude of 45 degrees north; consequently, while the watermelon is a tropical fruit, yet our northern friends can grow them successfully.

One oz. for 30 hills 4 to 5 lbs. to an acre.



Watermelon—Cole's Early.



Watermelon—Fordhook, Early.

**Fordhook Early**—One of the largest varieties and claimed to be the earliest of all. Shape nearly round. Color a medium shade of green. Flesh bright red and of deliciously sweet flavor. The rind is sufficiently hard to make it a good shipper.

**Cole's Early**—This is a fine variety for the family and market and is particularly adapted, on account of its earliness, to northern latitudes. For early marketing there is no superior. The bright red flesh is cool, crisp and sweet. The melons are of medium size and produced in generous numbers. The heart is surprisingly large in proportion to size of melon.

**Phinney's Early**—One of the best sorts for private gardeners who deliver direct to consumers. Vines moderately vigorous, hardy and productive; fruit medium sized, oval, bright green, finely mottled; rind thin, flesh bright scarlet, solid, crisp and tender.

**Kleckley's Sweet**—The best quality of all watermelons. Large oblong melon 20 inches in length by 10 to 12 inches in diameter. The skin is dark green, flesh bright scarlet, the rind only about one-half inch in thickness. The scarlet flesh is sweet and sugary and is of such texture that it leaves no strings of pulp whatever in eating. The melon is better for home use than for shipping, and we believe it is the best table melon today.

**Rocky Mountain Sweet**—Very early, medium size, smooth skin with mottled and dark green stripes. Flesh light red, deliciously sweet.

**Improved Kolb's Gem**—The standard shipping watermelon. Shape oblong, nearly round, striped and mottled, dark green. The melons grow very large and the tough, though thin rind, permits considerable handling and shipping. Our improved strain is a week earlier than the ordinary Kolb's Gem, grows larger and is a heavier yielder.



Ice Cream or Peerless.

**Ice Cream or Peerless**—A popular home-market variety, with dark green, mottled skin. Flesh deep pink.

## CITRON—For Preserves



Citron—  
For Preserves

Fruit round and smooth. Is not eaten raw, but is useful for making a very clear, transparent preserve of peculiarly fine flavor. Flesh, white and solid. Two varieties: Red Seeded and Green Seeded.

## MUSTARD

**White**—The green leaves are used as a salad when a few inches high. If sown in a warm place or in a hotbed will be ready to cut in a few days; sow frequently for a succession of crops.

**Giant Southern Curled**—Large variety, forming great mass of beautiful leaves, ruffled and finely curled on edges; used for salads. Hardy, vigorous and highly recommended.

FOR PRICES SEE RED INSERT—PAGE 96.

THIS ISSUE CANCELS ALL PREVIOUS ISSUES.



## MUSHROOMS



Practically no capital is required in the mushroom business, and the profits are most satisfactory. All that is required to grow mushrooms is most any building or cellar, some manure, loam, and last and above all, good spawn. Our Pure Culture Mushroom Spawn is full of vigor, the kind used by the best commercial growers of the United States.

Pamphlet—"How to Grow Mushrooms," free for asking.

**MUSHROOM SPAWN**—(Lambert's Pure Culture)—Per Brick (Postpaid), 35c; by Express or Freight at Purchaser's expense, Brick, 25c; 10 Bricks.....\$2.25

## OKRA, OR GUMBO

(One oz. to 100 Feet of Drill.)

The long, tender pods of Okra are very delicious when sliced and cooked in soups. While this is its chief use, it is also boiled and served like other vegetables. The dwarf sorts may be planted in hills or in rows about three feet apart. Plant in any good soil about May 15. The pods should be gathered when very young, as they are then very tender.

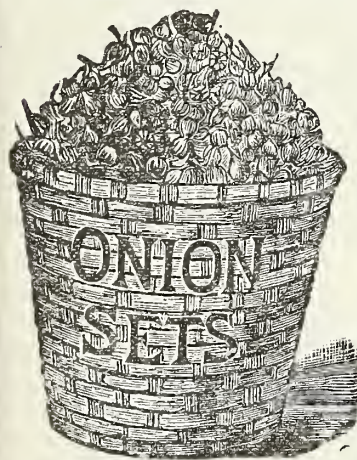
**Dwarf Green**.....Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c  
An early dwarf prolific variety with thick, green pods.

**White Velvet**.....Oz., 10c; ¼ lb., 20c; lb., 60c  
Very tender pods, long, smooth and white.

## ONION SETS

(One Lb. to 75 Feet of Drill, 300 Lbs. to the Acre.)

The importance of Using Northern Grown Onion Sets.



The planting of Onion Sets is increasing rapidly year after year. The Bottom Onion Sets produce onions ready for market six weeks earlier than can be had by sowing the seed. This enables the grower to sell his entire crop earlier in the season, at which time the prices usually are higher. It also permits the sowing of another crop on the land the same year. Bottom Sets also produce good green onions on most any soil in half the time it takes to raise them from seed.

These are simply onions grown from seed planted late and thick. They are about as big as the end of your finger and when set out in spring they come quick and make nice green onions for bunching, or if left stand will bottom down and make big onions as from seed but much earlier. We can furnish them in red, yellow or white. Yellow are generally best as they are not so liable to run to seed. Multiplier sets are also good.

### Sizes of Onion Sets.

It is very important that you get onion sets of the right size. If just a little too large they will run to seed right away instead of making a good onion. The rule is to sell every set below 1½ inches in diameter, but in that case there is sure to be some too large that will go to seed. Therefore we use none above ¾ inch.

**White Bottom**—These are small, solid and of a beautiful silvery white; a favorite sort in private and market gardens.

**Red Bottom**—Bright deep red in color, even and dry. A popular variety.

**Yellow Bottom**—

**Red Top or Egyptian**—

**Yellow Multiplier**—Often preferred on account of their earliness. Late in June they are fully ripe, and can be gathered. Very productive, 5 to 15 bulbs growing from one set out.

FOR PRICES SEE RED INSERT—PAGE 96.

If unable to find what you want, refer to the Index.

## ONION SEED

**Ger.—Zwiebel.**

(One ounce for 200 feet of drill; 4 or 5 pounds in drills per acre.)

**Scand.—Roedlocc.**

The best onions are grown on low, sandy, or mucky lands, with natural moisture and plenty of it.

The crop must be kept free from weeds, and it is usually necessary to weed out in the row by hand once or twice. Hoeing between the rows may be done oftener. It is not necessary to thin the plants in the row, since some thinning is naturally done during the hand weeding.

Steady, even growth is necessary to good onions and a check in growth, whether from disease or drought causes them to run to seed badly.

Different markets and localities prefer different onions. Globe onions are generally most popular and yield better than the other sorts. Flat onions are earliest and the large sized kinds have the best flavor. Every bag of seed is tested as to vitality.

### WHITE VARIETIES.



Onion—Silver King.

**White Pickling**—For early bunching, pickling, etc. Small, hard, round; keeps well; does not turn green when exposed to sun.

**White Portugal or Silver Skin**—The best known and most largely used white onion. Is flat on the bottom and thick toward the top, very hard and firm and an excellent keeper.



Onion—White Pickling.

**Early White Barletta or White Queen**—An exceedingly early variety, growing about 1½ inches in diameter, and ¾ of an inch thick. A most excellent sort for bunching and pickling.

**Mammoth Silver King**—An early large, white flat variety. Is not a keeping sort nor a good shipping variety, but is valuable for home use and nearby markets. Very mild and fine flavor.

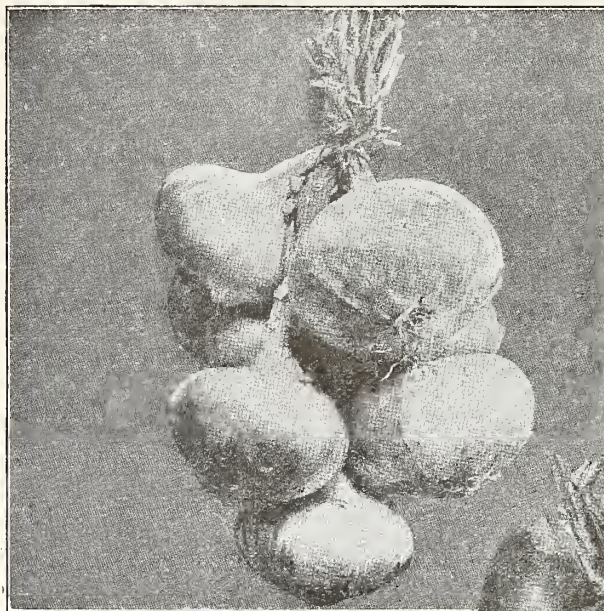
**White Welsh**—Distinctly a bunch onion, and ready for pulling for this purpose very early. Very mild and delicate flavor.

**Southport White Globe**—A very desirable variety which yields an abundant crop of fine large onions. Pure white color, mild flavor and equally good for keeping as the Yellow Globe. It is an enormous yielder and always sells at high prices. It is best to dry these onions in a shady place and give plenty of air.



## ONIONS—(Continued.)

FOR PRICES SEE RED INSERT—PAGE 96.



Onion—White Portugal.



Onion—Yellow Globe Danvers.

**RED VARIETIES.**

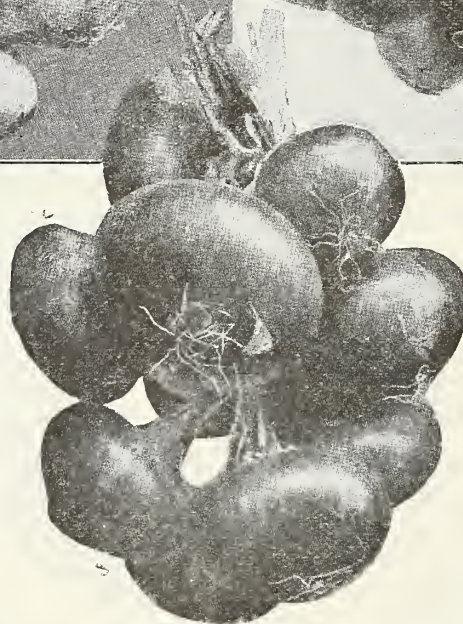
**Large Red Wethersfield**—This strain of the Red Wethersfield has been especially selected for its fine color. It is the darkest red onion in existence and where a market demands a dark red onion, it has no superior. Inclined to run a small percentage of thick necks on moist, strong soils. The very best for dry, rather poor places.

**Southport Red Globe**—Large globe-shaped, purplish-red variety, and an excellent keeper.

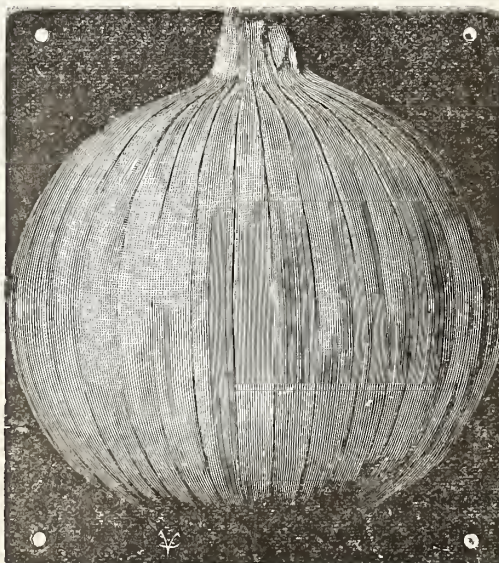
**Extra Early Red Flat**—The first to ripen, and one of the handsomest of the red sorts. A medium sized flat variety, an abundant producer and very uniform in shape and size.

**BROWN SKINNED.**

**Australian Brown**—An early and very hardy variety which does especially well in Montana. Should be planted early, on low, wet ground to get large bulbs. The skin is thick and the color is a rich brown. Is especially noted as a long keeper, as it keeps well into spring, and much longer than other varieties.



Onion—Large Red Wethersfield.



Onion—Australian Brown Globe.

**YELLOW VARIETIES.**

**Yellow Globe Danvers**—This onion is the standard winter sort in many markets. The shape is almost globe form and the bulbs are quite large, with thin necks, ripening down well. The skin is a fine brown orange yellow, while the flesh is pure white, solid and of good quality. Its keeping qualities are of the best. This strain is so nearly globe shaped that it passes for a globe, and its earliness makes it valuable for market. Our seed is the very best selection that care can make it.

**Yellow Danvers Flat**—An early productive variety. The onions are of medium size, skin coppery yellow flesh solid, white and mild flavored. Our strain is remarkable for its freedom from thick necks and is especially adapted to the growing of Yellow Bottom Onion Sets. A very fine sort for most locations.

**Prizetaker**—Largest Yellow Globe Onion. Excellent keeper of finest flavor, handsome shape and enormous size, many single onions having been raised to weigh five pounds and over from seeds the last year. It is of the same type as those immense imported onions which can be seen in stores and always command a very high price.

**Southport Yellow Globe**—A mild flavored yellow globe variety, very large, hardy and a splendid keeper.



**PARSLEY**

Ger.—Petersilie.

Scand.—Persille.

(One oz. for 150 feet of drill.)



Parsley—Moss Curled.

Parsley succeeds best in rich mellow soil. As the seed germinates very slowly, it should be sown quite early in the spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows a foot apart and half an inch deep. For winter use protect in a frame or light cellar or a few plants may be placed in pots or boxes and kept in the house.

**Moss Curled**—There is no more attractive variety than this when well grown; it is hardy and slow to run to seed; every gardener's favorite.

**Extra Double Curled**—In shape of leaf, color and taste this new variety is the ideal of perfection. It stands heat, drought and cold better and will yield better than any other of the numerous varieties of Parsley we have ever had.

**Hamburg or Turnip Rooted**—Turnip rooted variety. The roots as well as the leaves are used for flavoring soups, etc. The roots are stored like Carrots for winter use.

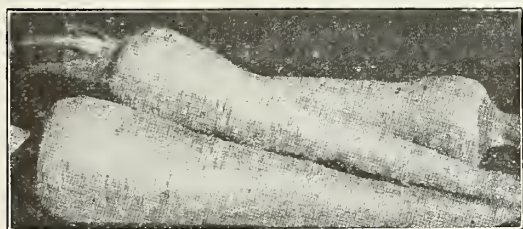
**PARSNIP**

Ger.—Pastinake.

Scand.—Pastinak.

(One oz. for 200 feet of drill, 5 to 6 lbs. in drills per acre.)

Sow as early in the spring as the weather will admit, in drills 15 inches apart, covering half an inch deep. It is usual to take up in the fall a certain quantity for winter use leaving the rest in the ground till spring, to be dug up as required.

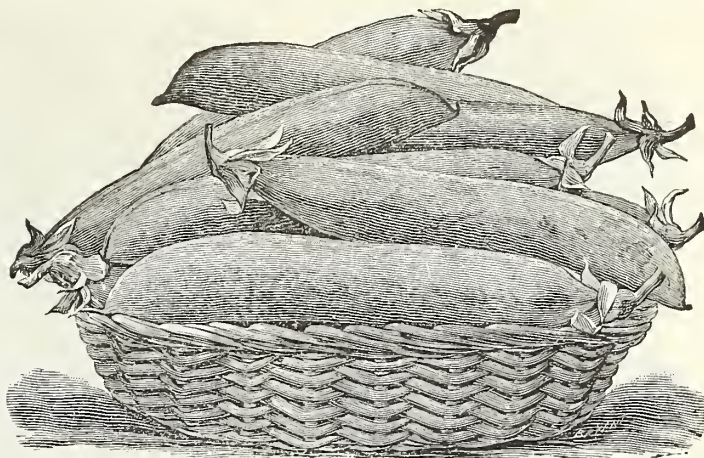


Parsnip—Hollow Crown.

**Hollow Crown**—Finest variety of Parsnips known; the roots run of uniform size and are smooth. They make an excellent change from ordinary winter vegetables.

**Improved Guernsey**—For those who like an early Parsnip this variety will be found very useful; not as large as the longer varieties.

**Sweet Marrow**—A new Parsnip from Europe of especial merit. A fine grained, sweet table variety.



Peas—Gradus or Prosperity.

Inoculate this  
Seed with  
**FARMOGERM.**

**PEAS**

Ger.—Erbsen

Scand.—Dan-Nor.

(1 lb. to 100 feet of drill; 80 to 100 lbs. to the acre.)

When grown as a market crop, peas are never staked; for private use they are generally sown in double rows and the tall varieties staked up by brush. For an early crop sow as soon as the ground can be worked, and make repeated sowings every two weeks for succession. After the first of June, sowing should be discontinued until the first of August, when a good crop may sometimes be secured by sowing an extra early sort for fall use.

**EXTRA EARLY ROUND SEEDED VARIETIES.**

**Alaska**—The earliest pea on the market. The seed is smooth and of bluish color. On this account it is very popular with canners. Very uniform in ripening and an excellent yielder.

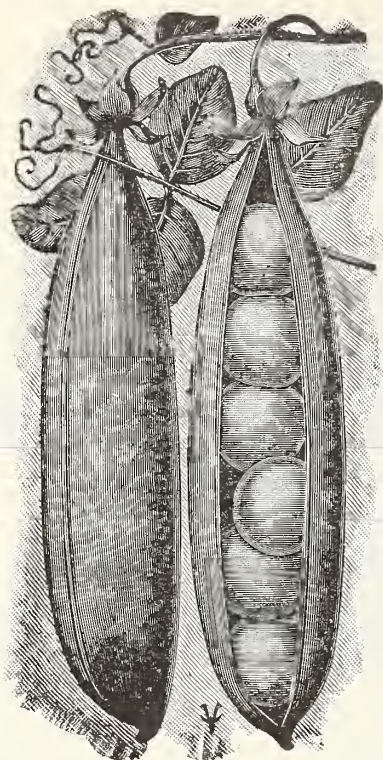
**EXTRA EARLY DWARF WRINKLED VARIETIES.**

**American Wonder**—In the dwarf compact growing extra earlies the American Wonder leads all others, can be grown in rows 18 inches to two feet apart. They are quite prolific; the crop can be gathered in 2 or 3 pickings and soil cleared for succeeding crops.

Peas—  
American Wonder.

Peas—Little Marvel.

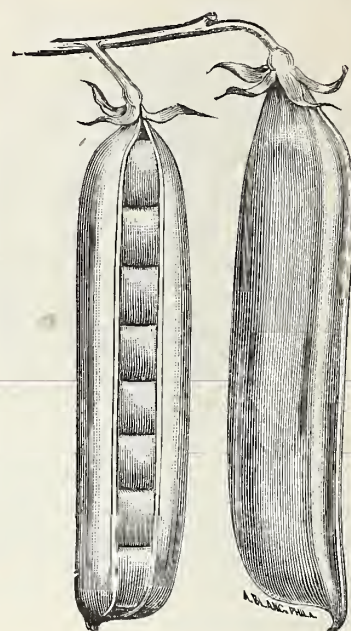




Peas—Alaska.



Peas—Premium Gem.



Peas—Horsford's Market Garden.

**PEAS—EXTRA EARLY WRINKLED—(Continued.)**

**Premium Gem**—The best and most popular dwarf, wrinkled variety, especially with market gardeners. It grows about 15 inches high and bears good-sized pods, which are filled with 6 to 8 peas of especially fine, sweet flavor.

**Notts Excelsior**—Resembles the Gem in habit, but more dwarf and uniform in growth. Height from 12 to 17 inches. Pods are light in color, round, about 2½ inches long. Fit for picking 56 days from planting.

**Little Marvel**—A new dwarf, first early Pea of unusual value. Height of vine 18 inches, with dark green foliage. Small blunt, dark green pods. Fit for table use in about 53 days. Valuable for family or market gardener's use.

**EARLY WRINKLED VARIETIES.**

**Carter's Daisy—Early Dwarf Telephone**—Dwarf, large, podded; needs no brush. The striking features of the Daisy pea are its large pods and the way in which they are heaped up in ridges on the short, strong vines. The pods are nearly double the size of American Wonder or Little Gem and are always well filled with large peas of most excellent quality. The vines are 16 to 18 inches high, and being strong and thrifty, require no support, making it an ideal variety for use where brush or stakes are not available. This pea is desirable on account of the fine appearance of the pods, and always finds a ready sale.

**Thomas Laxton**—A heavy yielding good quality pea, growing about 3 feet. Large pods and very full. Greatly grown for market purposes in eastern sections of the country.

**Laxtonian**—The earliest large podded pea dwarf habit. Height of vine 1½ feet, with dark green foliage. Large, curved dark green pods of delicious flavor. This Pea is destined to be in the front rank for quality, size and productiveness in a few years.

**Horsford's Market Garden**—A first class wrinkled Pea; second early. Height 24 inches. It is a profitable sort for market gardeners, as a single plant has been known to produce more than 150 pods. It is equally good for the home garden. The medium sized pods are borne in pairs, and are easily and quickly picked.

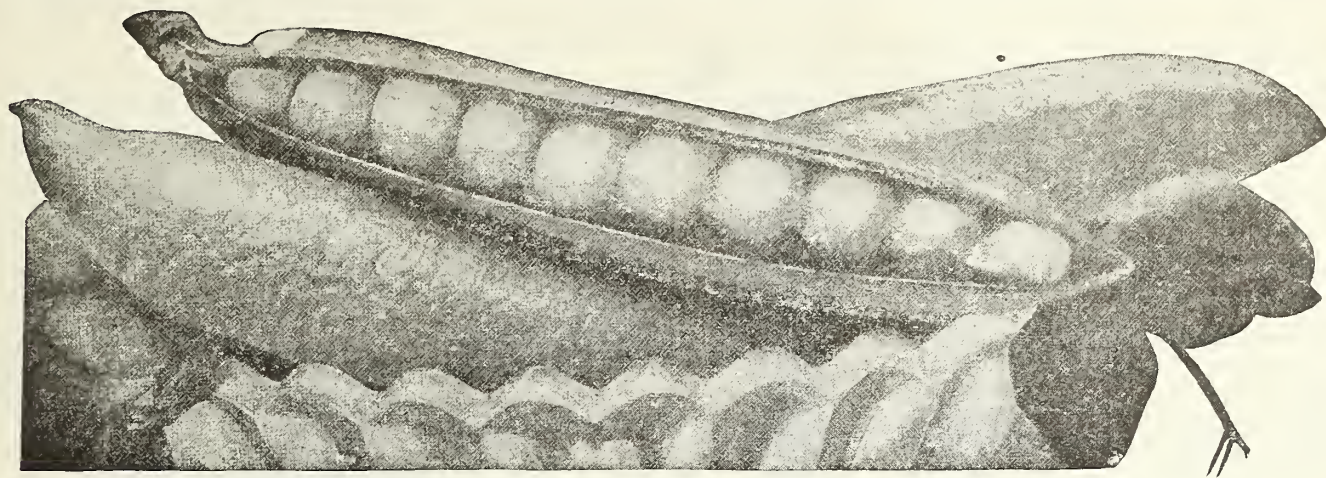
**Gradus**—The most popular high quality, extra early, wrinkled pea. This remarkable pea is not only large and of the best quality, but is within two or three days as early as the small round, extra early sorts. Gradus is a wrinkled pea, growing about 30 inches high; the pods are of a bright green color, measuring 4 inches or more in length, as large as Telephone, well filled with luscious peas, 8 to 10 or more in a pod. The peas are of the highest table quality and retain in a remarkable manner their color and attractive appearance after cooking. A grand pea in all respects.

**MAIN CROP VARIETIES.**

**Yorkshire Hero**—Hardy, productive and upright in growth, bearing near the top of the stalk broad, pointed pods with peas of good quality. Foliage dark green, 23 to 28 inches in height. Pods 2½ to 3 inches long, blunt, light green in color. Fit to pick 67 to 73 days from planting. Seed large green wrinkled.

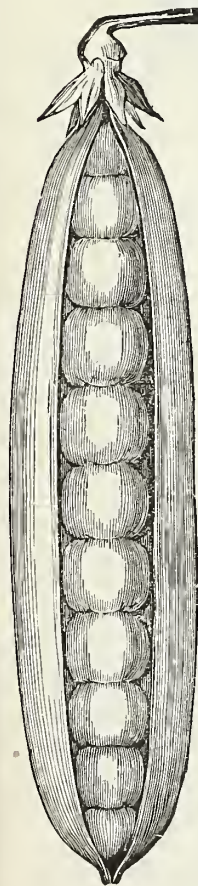
**White Marrowfat**—Large peas of good flavor; grown as a field crop, they are very profitable feed for stock or hog feed; our stock is the true smooth seeded Marrowfat.





Peas—Roosevelt.

**Roosevelt**—This splendid pea is of the same large podded type as the Telephone but the pods are larger and the peas sweeter. The Roosevelt Pea surpasses all other large-podded varieties in another particular, that of productiveness. In other words, a pint of Roosevelt pea pods will yield as many shelled as a quart of most other sorts. Quality is always to be preferred to quantity, but a pea which will give better quality and larger quantity is the pea to plant; that pea is the Roosevelt.

Peas—  
Telephone.

**Champion of England**—Medium late variety and one of the most popular of the tall, wrinkled sorts. Prolific, hardy and of fine quality.

**Telephone**—Selected stock. This fine pea has proved a valuable acquisition; vines vigorous, growing about four feet high and producing an abundance of large pods filled with immense peas, which are tender, sweet and of excellent flavor. It has sterling merit, which gardeners appreciate.

#### SUGAR PEAS—Edible Pod.

**Mammoth Melting Sugar**—Large edible pod. Height 42 to 48 inches. Pods, 4 to 4½ inches long and 1½ inches broad. Fit for table use 80 days from planting.

### PEPPERS

Ger.—Pfeffer. Scand.—Spankspeber.  
(One ounce will produce 1000 to 1500 plants.)

**Large Bell or Bull Nose**.....Pkt., 5c;  
oz., 70c; ¼ lb. ....\$2.25  
Early, large and mild, favorite sort  
for this locality.

**Sweet Mountain**.....Pkt., 5c;  
oz., 70c; ¼ lb. ....\$2.25  
Fine flavor, very large, bright color.

**Cayenne Long Red**.....Pkt., 5c;  
oz., 70c; ¼ lb. ....\$2.25  
The true Cayenne, hot and pungent.



Pepper—Large Bell or Bull Nose.

### PUMPKINS

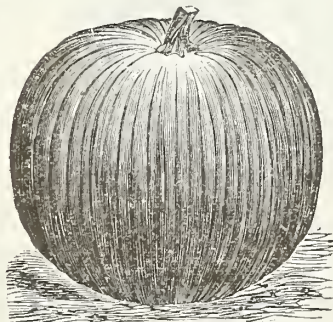
Ger.—Melonen-Kuabis. Scand.—Graeskar.  
(One oz. for 2 hills—three lbs. to the acre.)

**Culture**—The common practice is to drop two or three seeds in every third or fourth hill in the cornfield, but if cultivated on a large scale, the seed may be sown in hills 8 feet apart each way, four plants to each hill.

**Connecticut Field**—Standard variety for field culture and stock feeding, large, hardy and productive.

**Japanese Pie**—An early crookneck variety. The seeds are marked very curiously. Flesh deep yellow of fine quality. Keeps well.

**Quaker Pie**—A small, round yellow sort, with fine pinkish netting. Flesh is thick, sweet and of excellent quality.



Pumpkin—Connecticut Field.



**PUMPKINS—(Continued.)**

**Large Cheese or Kentucky Field**—The well known, ordinary pumpkin, largely used for stock feeding. The fruit is variously colored in yellow, drab, red and orange, and varies also in size, but is usually very large. Is a heavy cropper and very easily grown.

**Tennessee Sweet Potato**—The best variety for home gardens.

**King of the Mammoths or Jumbo**—The largest of all the Pumpkins.

**Early Small Sugar or Pie**—A medium or small sized Pumpkin, very productive, and very sweet. One of the best for home use.

**Winter Luxury**—A splendid keeper and a good pie Pumpkin. Round shape, russet-yellow color, thick fleshed and good flavor.

## RADISH

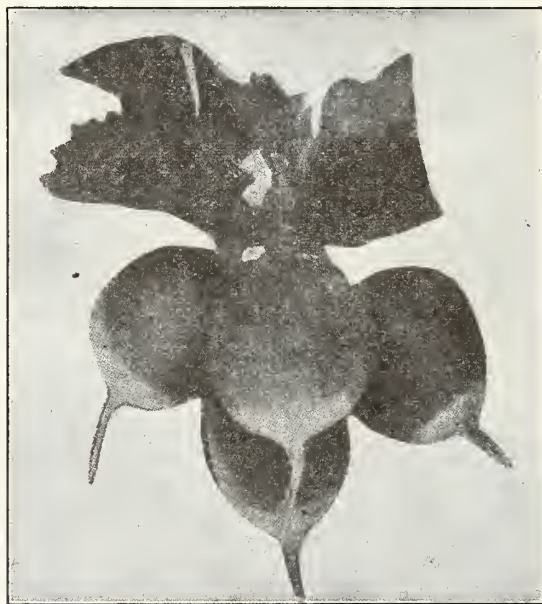
Ger.—Radies.

Scand.—Reddik.

One ounce will sow 100 feet of drill, 8 to 10 lbs. to the acre.

Being a root crop, good brittle Radishes require light, well worked soil, made very rich and mellow to insure quick growth. If permitted to grow slowly, they become tough and pithy. They are easy to grow and frequent plantings will insure a constant supply for the table. Thin the very young plants somewhat to prevent crowding. Summer varieties can be sown all spring and well into summer. Winter varieties, however, require some time to mature; the seed of these should be planted in June or July.

### EARLY ROUND VARIETIES.



Radish—Early Scarlet Turnip White Tipped.

**Early Scarlet Turnip White Tipped**—A splendid early Radish, very attractive appearance, its white tip and deep scarlet are always pleasing to the eye. Very tender and of good flavor.

**Early Scarlet Turnip**—A well-known favorite Radish for early home and market use. Matures quickly, crisp and of good flavor.

**Sparkler**—White tipped Radishes are justly popular by reason of their attractive appearance. This quite distinct variety fulfills every requirement in each respect, the color being a rich carmine scarlet with a very pronounced tip of purest white. The roots, even when fully developed are solid, crisp and sweet, and remain fit for use as long as the coarser kinds. It is equally well adapted for forcing in frames or growing in the open ground, for while the leaves are small, they are sufficiently large for bunching.

**Peerless Family**—One of the most popular and attractive short varieties. It is globe-shaped, bright rose carmine with bottom and tip clear white. Stems and leaves small. Very valuable for forcing as well as for the house garden and market.



Radish—Non-Plus-Ultra.

**Non Plus Ultra**—The roots are small, round and deep rich scarlet in color. They make a very quick growth, and are ready for use in from 20 to 30 days after sowing of seed. The flesh is white, crisp and tender, and of remarkably fine quality. The seed we offer is of the very finest strain.

**Early Bird**—The earliest turnip or globe shaped Radish known, a splendid forcing variety, being ready for use in three weeks. Top is very small, roots round and of a rich scarlet color.

**Triumph**—A striking variety. Root globe-shaped, showing bright scarlet stripes on a white ground. A good forcer.

**Early White Turnip**—A very quick-growing, small turnip-shaped variety. Color, clear white; very mild flavor.

**Crimson Giant Turnip Forcing**—A variety extraordinary in that, while growing to an unusually large size, is always tender, crisp and of mild flavor. It remains in perfect condition a remarkably long time and unlike other forcing varieties, does not become pithy even when twice their size in diameter.

**Early Scarlet Globe**—One of the earliest; flavor mild, crisp, juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy.

**French Breakfast**—Medium size, olive-shaped Radish, small top scarlet except at the tip, which is white; a splendid table variety good for either forcing or outdoor culture. Ready for use in 20 days.



## RADISH—(Continued.)

## LONG VARIETIES.

**Long White Vienna or Lady Finger—**

A delicate, fine grained Radish and very desirable summer sort, white, smooth, tapering.

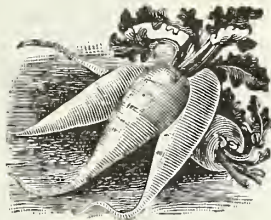
**Long Scarlet Short Top—**This bright scarlet short topped sort is about 5 inches long, growing half out of the ground; is uniformly straight and smooth, crisp and brittle; an excellent variety for private gardens or market.

**White Icicle—**The roots of this Radish grow about six inches long, are of transparent whiteness with short leaves, and make their growth very quickly. It is of excellent flavor and equally valuable for home use and market gardeners.



Radish—Icicle.

**White Strasburg—**In our opinion there is no better Radish grown; the roots are white and grow to a large size, four to five inches thick; for sweetness, tenderness and flavor it is unequalled by any other Radish for summer use.



Radish—White Strasburg.

FOR PRICES SEE RED INSERT—PAGE 96.

## WINTER VARIETIES.

**China Rose—**One of the best fall and winter varieties, firm, white flesh.

**Mammoth White China or Celestial—**Fresh solid and brittle; pure white flavor mild or slightly pungent. A splendid keeper for use in winter; very showy.

**Long Black Spanish—**The latest and hardest of all the winter Radishes; roots black, long, large and good keeper; pull before severe frost and store in damp sand in root house.

**Round Black Spanish—**A round form of above.

**Sakurajima—**This is a mammoth variety, and is said to be the largest variety that is obtainable in Japan. Very tender and round.

**Nerima or Mikado—**A wonderful product of the Orient, with snow-white flesh very tender and under good conditions growing from two to three feet in length.

## RHUBARB

Ger.—Rhababer.

Scand.—Rhababer.

(One oz. to 125 feet of drill.)

**Monarch—**Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25

Largest and most productive variety known. Will grow 15 to 20 inches long and fully 1½ inches broad. Sow Rubarb seed in drills one inch deep and thin out to six inches apart; transplant in the fall to deep, manured soil to six feet apart each way.

**Victoria—**Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25  
Very large, highly colored and of good flavor.

Rhubarb.  
Monarch

## SALSIFY OR OYSTER PLANT

Ger.—Hafer-Wurzel.

Scand.—Havrerod.

(One ounce will sow 50 feet of drill.)

**Culture—**Sow the seed in light, deep soil, early in spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 4 or 5 inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring, but should be dug before commencing their growth.

**Mammoth Sandwich Island—**Pkt., 5c; oz., 20c; ¼ lb., 90c; lb., \$3.00

We consider this the largest and most profitable salsify in cultivation; roots are two to three times the size of the ordinary salsify, and of more agreeable flavor. It is pure white in color, and invaluable to market gardeners.

Sandwich  
Island  
Salsify.

## SPINACH

Ger.—Spinat.

Scand.—Spinat.

(One ounce for 100 feet of drill; 10 to 12 pounds in drills for one acre.)

The main crop is sown in September. It is sometimes covered up in exposed places with straw or salt hay during winter, which prevents it from being cut with frosts; but in sheltered fields there is no necessity for covering.

For summer use it may be sown at intervals of two or three weeks, from April to August. Spinach is best developed and most tender and succulent when grown in rich soil.

Spinach—Improved Thick  
Leaved.

**Long Standing—**The best variety for family use, as it remains in good condition longer without running to seed than the round leaved sorts. Thick, well flavored leaves.



Spinach—Long Standing.

**Improved Thick Leaved—**This variety grows very quickly, forming a cluster of slightly wrinkled leaves of fine color and quality.

Especially recommended for market gardeners. Sow in rich ground—the richer the better. If for early spring use sow in the fall and protect the young plants with a covering of light manure or straw.

**Bloomdale Savoy Leaved—**One of the best of the savoy leaved type, with thick heavily curled leaves. Very succulent and tender.

**Prickly Winter—**One of the hardest varieties with medium sized leaves. Very tender.

**New Zealand—**The stems and leaves of this variety are soft, thick, fleshy and crystalline in appearance. Started early in the spring, the plants will resist heat and make strong growth during the summer.

FOR PRICES SEE RED INSERT—PAGE 96.



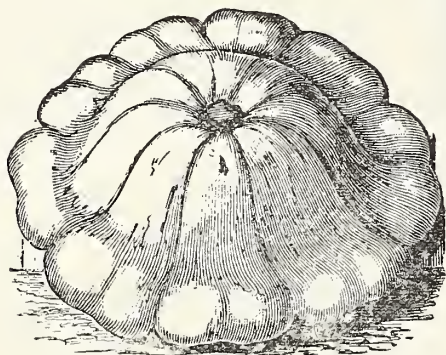
**SQUASH**

Ger.—Kurbiss.

Scand.—Squash-Graeskar.

(One ounce to 25 hills; 3 to 4 lbs. to the acre.)

There are two distinct types. The Summer is cultivated for the tender young fruits which are used in the green or growing stage during the summer months. The Winter Squashes produce larger hard-shell fruits, which are gathered in the fall before there is danger of their being injured by frost, and stored in a warm, dry place for winter use. A few of the varieties, notably Fordhook, may be used in either state.

**SUMMER VARIETIES.****Squash—White Bush Scallop.**

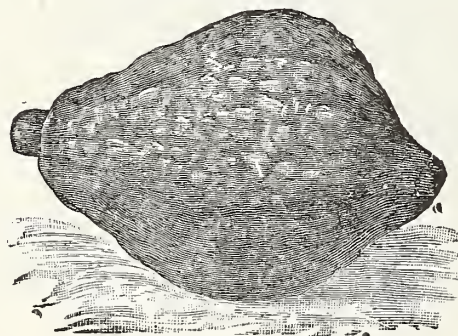
**Early White Bush Scallop**—The fruit is a beautifully waxy white of superior quality; the best early Squash.

**Fordhook**—Flesh dry and sweet, of excellent quality; matures and has the advantage of being usable at any stage of its growth.

**Golden Custard**—Similar in shape to the White Custard with Golden Yellow skin and pale yellow flesh.

**Golden Summer Crookneck**—As early as the common Summer Crookneck, and much larger, often measuring from 15 to 18 inches in length, of bright golden color and very best quality. Commands an extra price in market.

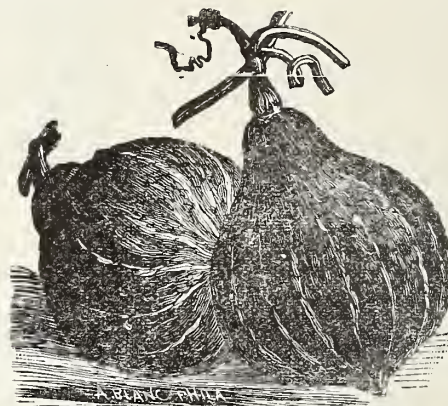
**Early Summer Crookneck**—A very early medium-sized Crookneck Squash of uniform size and shape. Color bright yellow, shell very hard when mature. A standard variety.

**WINTER VARIETIES.****Squash—Warty Hubbard.**

**Chicago Warty Hubbard**—It is similar in size and quality to the Hubbard. The vines are vigorous and productive, while the large dark olive-green fruits are rather more heavily warted. Very handsome in appearance; an excellent keeper and of splendid quality.

**FOR PRICES SEE RED INSERT—PAGE 96.****SQUASH—WINTER VARIETIES—(Continued.)**

**Red or Golden Hubbard**—This is identical in size, form and fruitfulness with the Chicago Warty Hubbard, the chief distinction being that the heavily warted skin is of a rich orange yellow, turning to a deep salmon red when ripened. It is of most attractive appearance, fine in quality, and should be one of the most profitable market sorts.

**Squash—Improved Hubbard.**

**Improved Hubbard**—This old and popular favorite is still one of the very best winter Squashes grown; always richly flavored. The vines are luxuriant growers and very productive, yielding large squashes of dark bluish green color, weighing often 10 to 25 pounds each. Properly stored, it may be kept from September to May.

**Banana**—This is an old variety, but on account of producing but few seeds, has become scarce. In shape like a huge banana, generally over two feet long, with a tough but not hard shell, very meaty, of delicious flavor and one of the best winter keepers.

**Sibley or Pikes Peak**—An excellent winter squash, similar in shape to the Hubbard. Very fine grained flesh, and a splendid keeper.

**Delicious**—This variety in dryness, sweetness and richness of flavor is of the first rank. The shell is green in color, the flesh of a rich orange. An excellent winter keeper.

**Boston Marrow**—A fall or early winter variety, very popular; oval, skin thin, flesh salmon yellow, fine grained; when ripe, bright orange color; matures in this locality the end of August.

**Vegetable Marrow.**

**Vegetable Marrow or Italian Cocozelle**—A favorite English sort. The fruit is very variable in size, from 9 to 19 inches in length and from 4 to 6 inches in diameter. Skin a greenish yellow, flesh white, soft and of rich flavor. This is entirely distinct from all other varieties of squash. Plant 8 feet apart.



## SUNFLOWER

Mammoth Russian—(For prices see red insert, page 96.)

SWISS CHARD (See Page 90)

## TOMATO

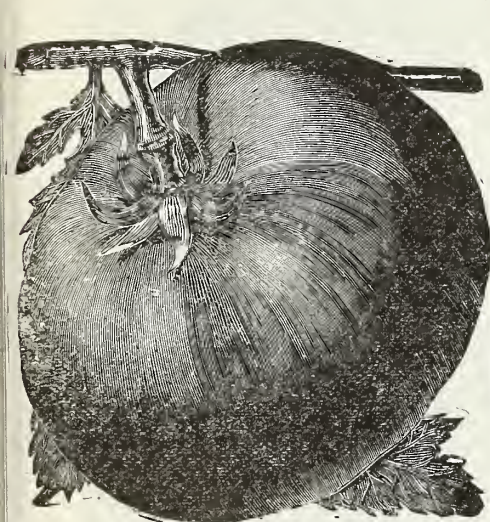
Ger.—Liebesapfel.

Scand.—Tomat.

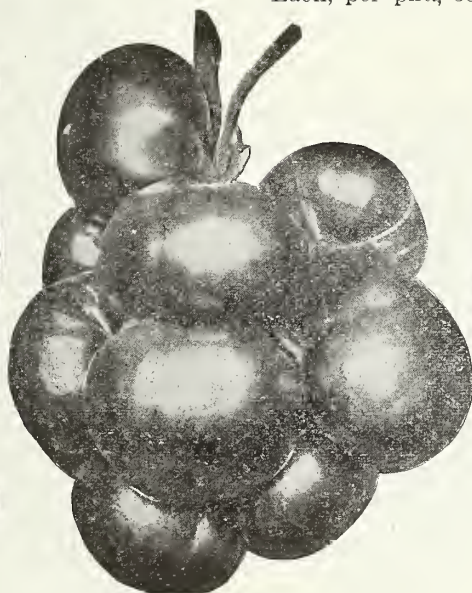
(One ounce will produce 3000 to 4000 plants.)

**Acme**—An old variety of delicious flavor, dark red tinged with purple. Pkt., 5c; oz., 40c; ¼ lb., \$1.20; lb. ....\$4.00**Bonny Best**—Early Tomato. It has been tested and found ten days earlier than the Chalk's Early Jewel and ripens with the Earliana. Strong grower, very productive, ripens evenly, all over, excellent shipper. Pkt., 5c; oz., 40c; ¼ lb., \$1.20; lb. ....\$4.00**New Stone**—Grown more extensively than any other for main crop variety, especially by market gardeners. Very large, smooth and solid, of a bright red color, and a heavy yielder. Pkt., 5c; oz., 40c; ¼ lb., \$1.20; lb. ....\$4.00**Spark's Earliana**—The earliest tall variety, forming ripe fruit much earlier than any other. The fruit is large, smooth, of a bright scarlet color, and of fine quality. Very valuable for early market use. Pkt., 5c; oz., 40c; ¼ lb., \$1.20; lb. ....\$4.00**Golden Queen**—Is solid, very smooth, free from ridges, large in size, ripens up evenly and is a handsome sort; in fact, by far the most beautiful yellow variety; excellent quality. Pkt., 5c; oz., 40c; ¼ lb., \$1.20; lb. ....\$4.00**Dwarf Champion**—On account of its dwarf, compact habit, it can be planted quite close. Wonderfully productive, the dark reddish purple fruit being very solid and firm. Of medium size. Very desirable for the home garden. Pkt., 5c; oz., 40c; ¼ lb., \$1.20; lb. ....\$4.00**June Pink**—Appeals especially to those who like the pink color. The fruits grow in clusters, and begin to mature very early; measure 3 inches in diameter and are of excellent quality.

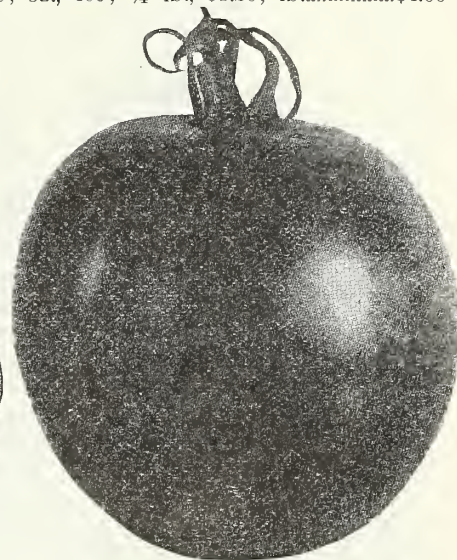
Each, per pkt., 5c; oz., 40c; ¼ lb., \$1.20; lb. ....\$4.00



Tomato—John Baer.



Tomato—June Pink.



Tomato—Sparks Earliana.

**John Baer**—The seed of this Tomato was purchased by us three years ago from one of the largest growers in the East, who recommended it as the earliest of all tomatoes, and our experience with it bears out this recommendation. The fruit is a bright red color, of good size round, smooth, very solid and producing very few seeds. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb. ....\$5.00**Earlibell**—The earliest Tomato we know. Its heavy clusters of beautifully formed, medium-sized fruits ripen several days before any other variety. Although so wonderfully early, there is none of the disfiguring corrugation found in other early sorts, while at the same time, Earlibell does not crack. Pkt., 5c; oz., 50c; ¼ lb., \$1.50; lb. ....\$5.00**Livingstone's Coreless**—One of this noted originator of good tomatoes best. Almost entirely coreless very solid and most excellent quality. Very fine for table use. Pkt., 5c; oz., 40c; ¼ lb., \$1.20; lb. ....\$4.00**Truckers Favorite**—This has literally jumped into favor with market gardeners everywhere, for its early and continuous bearing qualities. Very solid, does not crack, and a first-class shipper. Pkt., 5c; oz., 40c; ¼ lb., \$1.20; 1 lb. ....\$4.00**Beauty**—Fruit large and smooth; excellent flavor, good shipper, the best all round variety for Montana, does not crack. Pkt., 5c; oz., 40c; ¼ lb., \$1.20; lb. ....\$4.00

## SMALL FRUITED VARIETIES.

For pickling and preserving. Invaluable for garnishing.

Each, per pkt., 5c; oz., 40c; ¼ lb., \$1.20; lb. ....\$4.00

**Red Pear**—Fruit handsome and solid; fine for preserves.**Red Peach**—**Red Plum**—**Red Currant**—**Yellow Cherry**—For pickles and preserves.**Yellow Plum**—Round and regular, bright yellow; used for pickles.**Yellow Peach**—**Yellow Pear**—**Winter Cherry, or Purple Husk Tomato**—Makes fine sauce.**Red Cherry**—Small fruits used for pickles, very handsome.**Ground Cherry, Strawberry, or Yellow Husk Tomato**—Plants of low-spreading growth and immensely productive. The small yellow fruits are each inclosed in a husk. Of very sweet flavor, highly esteemed for preserving or making pies.



## TURNIP

Ger.—Steckruebe.

Scand.—Turnips.

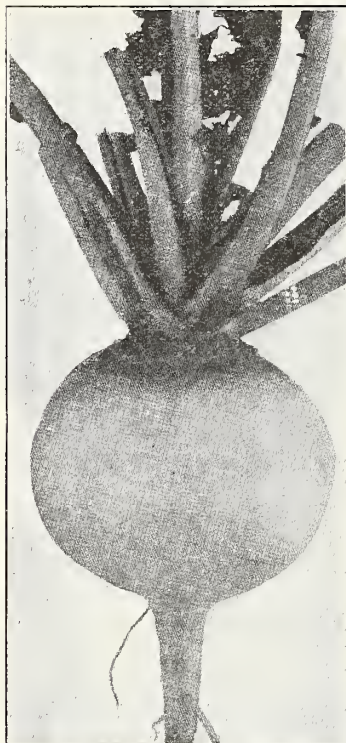
(One ounce will sow 150 feet of drills; 2 pounds will sow an acre.)

**Culture**—For early use, sow as soon as the ground can be worked in spring, in drill 15 inches apart, and thin to 8 inches apart as soon as plants are large enough to handle. The sowing should be made just before rain, if possible, a rapid growth being important.

For feeding stock in fall and winter there is nothing superior to turnips and rutabagas, as they are much liked by all kinds of stock and serve to keep them in good condition. We cannot too earnestly recommend farmers to increase their sowings largely for we are sure the crop will prove remunerative.

### WHITE VARIETIES.

**White Milan**—Extra Early—Very small top, upright and compact; the clear white roots are very smooth, symmetrical and beautiful; there is no better turnip for early bunching; fine grained, tender and sweet.



Turnip—Purple Top White Globe.

**Purple Top Milan**—Extra Early—Very similar to the White Milan except that the roots are a little more flat, and the top of root is purple.

**Purple Top White Globe**—Round, large; an excellent keeper.

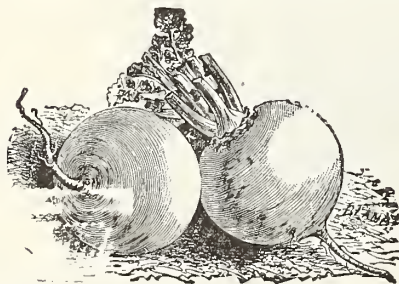
**White Egg**—An old favorite, egg-shaped, perfectly smooth, firm and mild.

**Purple Top Strap Leaf**—The most generally planted of any variety. It is a quick grower, the flesh is very fine grained and sweet flavored. The red top of the bulb extends down to where it rests in the soil.

**Early Montana Snow-Ball**—Sweet early solid; favorite for early market bunching.

### YELLOW VARIETIES.

**Golden Ball**—The most delicate yellow fleshed turnip; of medium size form, hard and of superior flavor. Valued highly as a table variety.



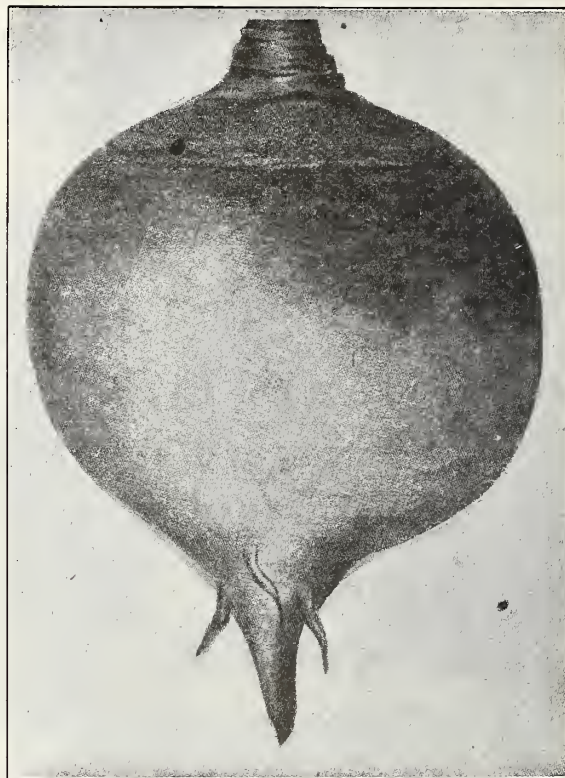
Turnip—Golden Ball.

## RUTABAGA

Russian or Swedish Turnip.

These require a longer season in which to grow than do other turnips; the seeds should be sown about the first to the middle of June.

**Bangholm**—The seed for this variety of Rutabaga is as grown in Denmark by "Daachfeldt," who has been awarded a first class certificate on several occasions by the Danish government for the Best Cropping Rutabaga. An oblong globular shaped root with small neck, yellow flesh, very dark purple top and is superior to all other varieties.



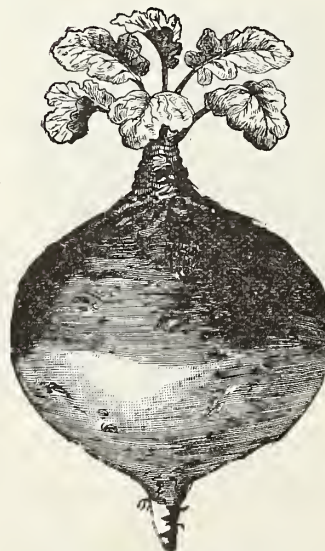
Rutabaga—Prize Winner.

**Prize Winner**—Short neck, small top, firm flesh, symmetrical shape, united with high feeding value, great productiveness, hardiness and long keeping qualities, describes the perfect Rutabaga. Every root of the Prize Winner more nearly approaches ideal than any other strain.

**American Purple Top**—This strain is of American origin and is a purple top yellow variety.

**Large White, or Sweet German**—A very large variety, with white skin and white flesh which is tender and sweet.

**Hurst's Monarch**—A very distinct type, of the tankard shape, very large, yielding enormously. One of the best.



Rutabaga—Danish Bangholm.

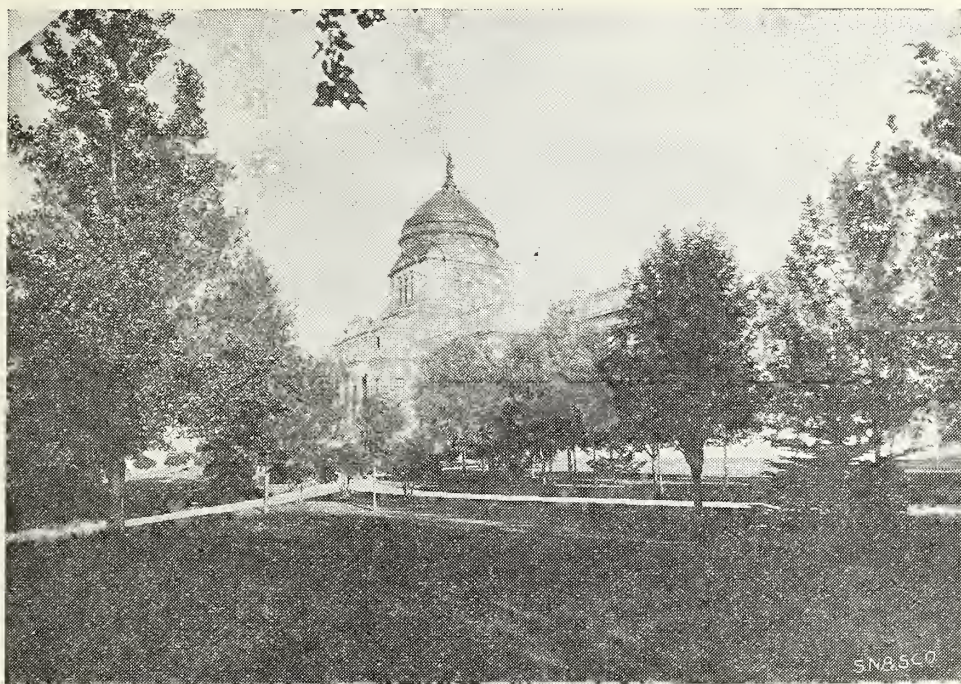


State Nursery and Seed Co.'s

# Rocky Mountain Lawn Grass Seed

ROCKY MOUNTAIN LAWN GRASS MIXTURE is the best that can be procured at any price, or under any brand. It is the result of years of scientific selection and test in this climate, and it is no unusual thing for lawns that are sown with this unequaled mixture to require cutting in thirty days or less from the time of sowing.

Pamphlet on the Preparation and Care of Lawns, illustrated from actual photographs, FREE on application.



LAWNS ON CAPITAL GROUNDS, HELENA, MONT.

Sown With Rocky Mountain Lawn Grass Mixture.

Many of the trees shown are also from our Nurseries.

One quart suffices to sow 200 square feet, or 10x20; 5 lbs. for 2000 square feet, or 40x50; 80 to 100 lbs. per acre.

## ROCKY MOUNTAIN LAWN GRASS MIXTURE—(Postpaid)

Qt. Pkg., 35c; by Express or Freight at Purchaser's Expense, 5 Lbs., \$1.50; 10 Lbs., \$2.75

Our Lawn Grass Mixture is scientifically combined. Our experience of many years has given us an intimate knowledge of grasses, their habits and requirements. In our Rocky Mountain Lawn Grass Mixture are included only the very best varieties—pure clean and free from foul seed.

## KENTUCKY BLUE GRASS—("Peerless" Grade) (Postpaid)

Lb., 35c; by Express or Freight at Purchaser's Expense, Lb., 30c; 10 Lbs., \$2.80

We wish to call particular attention to the cleanliness of our Blue Grass. Our seed is so thoroughly re-cleaned that a measured bushel weighs 24 Lbs.

## KENTUCKY BLUE GRASS—("Placer" Grade) (Postpaid)

Lb., 30c; by Express or Freight at Purchaser's Expense, Lb., 25c; 10 Lbs., \$2.25

Used extensively for lawns and parking streets; also makes excellent pasture or hay.

## ROCKY MOUNTAIN LAWN GRASS MIXTURE WITH

DUTCH CLOVER—(Postpaid), Qt. pkg., 40c; by Express or Freight at Purchaser's Expense, 5 Lbs. \$1.80;

10 Lbs. \$3.40

As there are many people who like clover in a lawn we put up a mixture as above; this mixture has gained us many friends and it is increasing in popularity.

## SHADY PLACE LAWN GRASS—(Postpaid), Lb., 40c; by

Express or Freight at Purchaser's Expense, 5 Lbs. \$1.75;

10 Lbs., \$3.25. Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. The grasses used in making this special mixture are those that are well adapted for growing in shade.

## WHITE CLOVER—(Peerless)—(Postpaid), Lb., 70c; by

Express or Freight at Purchaser's Expense, Lb., 65c.

This is frequently sown to cut green for chicks and fowls; also used largely in making lawns for which this variety is especially adapted.

See under Lawn Requisites the special "Gem Rake." A novel, useful and practical tool which every owner of a lawn should have.

PRICES SUBJECT TO CHANGE



UNITED STATES FOOD ADMINISTRATION—LICENSE NO. G-33773.

# SELECT FIELD SEEDS

[Prices Quoted are F. O. B. Helena.]  
Subject to change.

No Charge for Sacks Unless Specially Noted.

Prices quoted on Field Seeds are those in effect at the time this catalog goes to press. We will maintain these prices as long as possible, but cannot guarantee them throughout the season. Order early before our stocks are exhausted. Current Price of Field and Grass Seeds during the season will be quoted on request, stating quantity desired.

Our large new fireproof Seed Warehouse, containing nearly 20,000 square feet of floor space, located near the Great Northern R. R. Depot, is completed and in full operation. See illustration elsewhere in the Catalog.

It affords us facilities for the prompt handling of large quantities of seeds second to none, and is equipped with the most modern and up-to-date machinery for the cleaning, re-cleaning and grading of seeds that scientific ingenuity can devise. All machinery is equipped with electric motor drive for power.

Ample switching facilities for car lot receipts and shipments are provided.

The completion of this up-to-date plant places the STATE NURSERY & SEED CO. as undoubtedly the most complete establishment of its character in the northwest.

Our friends and customers are cordially invited to inspect this latest addition to our plant, also our new store on Fuller Avenue, and the large Nurseries, Seed Trial Grounds and Greenhouses on the Broadwater Street Car line. Courteous employees will take pleasure in showing the different departments to visitors, and a visit to Helena is not complete without a visit to this large and most interesting branch of the business family of the city.

## SEEDING TABLE

WE RECOMMEND THE FOLLOWING QUANTITIES OF SEED TO BE USED PER ACRE:

|                                                                                 | Broadcast. | Drilled. |                                                                                  | Broadcast. | Drilled. |
|---------------------------------------------------------------------------------|------------|----------|----------------------------------------------------------------------------------|------------|----------|
| <b>ALFALFA</b> —For hay crop, on irrigated land .....                           | 15 lbs.    | 12 lbs.  | <b>BROME GRASS</b> —( <i>Bromus Inermis</i> )                                    |            |          |
| <b>ALFALFA</b> —For hay crop on dry land .....                                  | 10 lbs.    | 8 lbs.   | For hay or pasture on irrigated land .....                                       | 20 lbs.    | 15 lbs.  |
| <b>ALFALFA</b> —For seed crop, on dry land or sub-irrigated .....               | 8 lbs.     | 6 lbs.   | <b>BROME GRASS</b> —( <i>Bromus Inermis</i> )                                    |            |          |
| <b>ALFALFA</b> —Pedigreed GRIMM, in rows 3 ft. apart to be cultivated .....     |            | 1 lb.    | For hay or pasture on dry land .....                                             | 15 lbs.    | 12 lbs.  |
| <b>CLOVER</b> —Medium Red, for hay crop .....                                   | 12 lbs.    | 10 lbs.  | <b>BLUE GRASS</b> —For hay or pasture on irrigated land .....                    | 25 lbs.    | 20 lbs.  |
| <b>CLOVER</b> —Alsike, for hay crop .....                                       | 10 lbs.    | 8 lbs.   | <b>ORCHARD GRASS</b> —For hay or pasture on irrigated land .....                 | 25 lbs.    | 20 lbs.  |
| <b>CLOVER</b> —Sweet, for hay crop or to be plowed under for green manure ..... | 15 lbs.    | 12 lbs.  | <b>RYE GRASS</b> ( <i>Perennial</i> )—For hay or pasture on irrigated land ..... | 40 lbs.    | 30 lbs.  |
| <b>TIMOTHY</b> —For hay or Seed crop .....                                      | 10 lbs.    | 8 lbs.   | <b>MILLET</b> —German, Hungarian, Siberian or Hog, for hay crop .....            | 30 lbs.    | 25 lbs.  |
| <b>TIMOTHY AND ALSIKE CLOVER</b> —For hay or pasture .....                      | 10 lbs.    | 8 lbs.   | <b>MILLET</b> —Japanese or Billion Dollar Grass, for hay crop .....              | 15 lbs.    | 10 lbs.  |
| <b>RED TOP</b> —For hay crop or pasture .....                                   | 10 lbs.    | 8 lbs.   |                                                                                  |            |          |

## GRAINS

**WHEAT**—4 pecks—1 bu. or 60 lbs.

**OATS**—4 to 5 pecks—1 bu. and 1 peck or 50 to 60 lbs.

**FLAX**—16 to 24 lbs.

**BARLEY**—2 r 6 Row—5 pecks—1 bu. and 1 peck or 60 to 70 lbs.

**BARLEY**—(*Hulless*)—4 pecks—1 bu. or 60 lbs.

Having been advised by a great many of our customers that the above information would be a great benefit to farmers generally, we are glad to give the table. We find from long experience that these are the necessary amounts to sow for the various purposes stated.



# ALFALFA

Inoculate this  
Seed with  
**FARMOGERM.**

## FACTS ABOUT ALFALFA.

Alfalfa produces from 3 to 7 tons of hay to the acre. It has as much protein as Wheat bran; 360 stalks have been grown from one seed. It does not exhaust the soil, but enriches it. It can be ground into meal to feed hogs and chickens. It will grow 2 to 3 crops a year.

Alfalfa in money value is worth 45 per cent more than other Clovers and 60 per cent more than Timothy. Ten milch cows can be fed on less than 2 acres by soiling. One acre will pasture 20 hogs for six months.

Three pounds a day makes a full feed for fattening lambs. Four to five pounds makes a full feed for fattening aged sheep. Thirty-five pounds makes a full feed for fattening steers.

A lamb will winter and thrive on 3 pounds a day. Sheep fed with Alfalfa will gain from 8 to 15 pounds in 75 days and will double, with small grain ration added. Lambs wintered on Alfalfa will produce one to two pounds more of wool than when on the range.

Fed to dairy cows, Alfalfa maintains the flow of milk, equal to June grass for nearly a whole year. It can be chopped fine with corn meal. Such a mixture is worth more per pound than the original corn meal.

Many interesting facts in addition to the above might be cited about Alfalfa. It would hardly be possible to say too much about Alfalfa; it is a working plant which is changing the destiny of many farming sections.

Its long branching roots penetrate far down, push and crowd the earth this way and that and thus constitute a gigantic subsoiler. These become an immense magazine of fertility.

The value of a strain or variety for any certain locality depends upon its ability to yield generously and withstand the climatic and soil conditions there prevailing. To best insure such qualities in Alfalfa, seed should be sown that has been grown in a section where the producing plants have successfully survived the most unfavorable conditions that are likely to be encountered. This insures seed of the highest grade of vitality, as plants in any way deficient are killed out in such winters as that of 1915-1916, when temperatures ranging from 40 to 46 below zero were registered in this section. These temperatures are taken from the official records, and the natural result in a field of Alfalfa is "the survival of the fittest"—nature's immutable law. The seed we offer is from plants that have stood this supreme test, and can not be surpassed by any brands on the market today.

ALL ALFALFA WE OFFER WAS PRODUCED ON DRY OR SUB-IRRIGATED LANDS.

## GRIMM ALFALFA.

Grimm Alfalfa as it is generally called, was first grown by Wendelin Grimm, at a point in Minnesota. The wonderful advance made by this type over the ordinary Alfalfa led its being subjected to the most severe tests by the Agricultural colleges and others. Our Registered Grimm has been grown under the supervision of the Montana State Agricultural college for years, and is harvested, threshed and sealed under the care of their representative. So far as we know the Registered Grimm which we offer is the only lot of Registered Grimm grown in the state of Montana.

**True Grimm**—This Seed is tested for Variety, Purity and Germination by the Montana Agricultural College and Inspected, Registered and Sealed by the Montana Seed Growers' Association.

True Grimm Alfalfa has been so well advertised and described that any attempt at further praise would be superfluous. In every respect it has proved itself a most wonderful variety or type, and its reputation has been so well established that the true registered and sealed seed always commands a high price. The above offered Grimm is the best that can be procured at any price, grown from the original stock, fully registered, inspected, tested and sealed under the most stringent regulations to insure the highest quality attainable.

**FREE**—Pamphlet on True Grimm Alfalfa for the asking.

**Montana Grimm "Peerless" Not Registered**—A variegated or hybrid variety. The acknowledged leader of all Alfalfas for general purposes in the United States and Canada. Grown in the Northwest continuously since 1858. Tested in every state and province and has conclusively demonstrated its superiority. The hardiest, most vigorous, drouth-resistant and high yielding Alfalfa in cultivation. We have only a limited quantity of this seed dry-land grown, and when this is exhausted we cannot obtain more until next season. We advise ordering early.

## "LISCOMB" ALFALFA.

The type listed below as "**LISCOMB**" Alfalfa is one of the best that has yet been introduced. It possesses every requisite to be desired to place it in the front rank of Alfalfa varieties.

It is of the much to be desired branching root and many crowned type, with variegated flowers.

It is of the most hardy nature (46 below zero is known to not injure it in the least) yields enormously, and does well on dry and sub-irrigated lands.

It has received the highest commendation at the hands of the Extension Division of the Minnesota Experimental Station, and also from the officials of the Montana Stations.

The seed we offer was produced by plants that withstood 46 degrees below zero, per the official records of the nearest station of the U. S. weather bureau.

More than this can not be said or claimed for any brand or type of Alfalfa, and we confidently predict that as the merits of the genuine "**Liscomb**" Alfalfa become known, it will be in far greater demand than that of any other by growers desiring the best Alfalfa that can be obtained for the rigorous northwestern climate.

**Liscomb "Peerless"**—This is the highest grade of this variety that can be procured, most carefully selected, cleaned and re-cleaned by the most scientific machinery that can be procured for the purpose.

**Liscomb "Placer"**—This grade "Placer" is second only to our "Peerless" grade, and is of splendid quality.

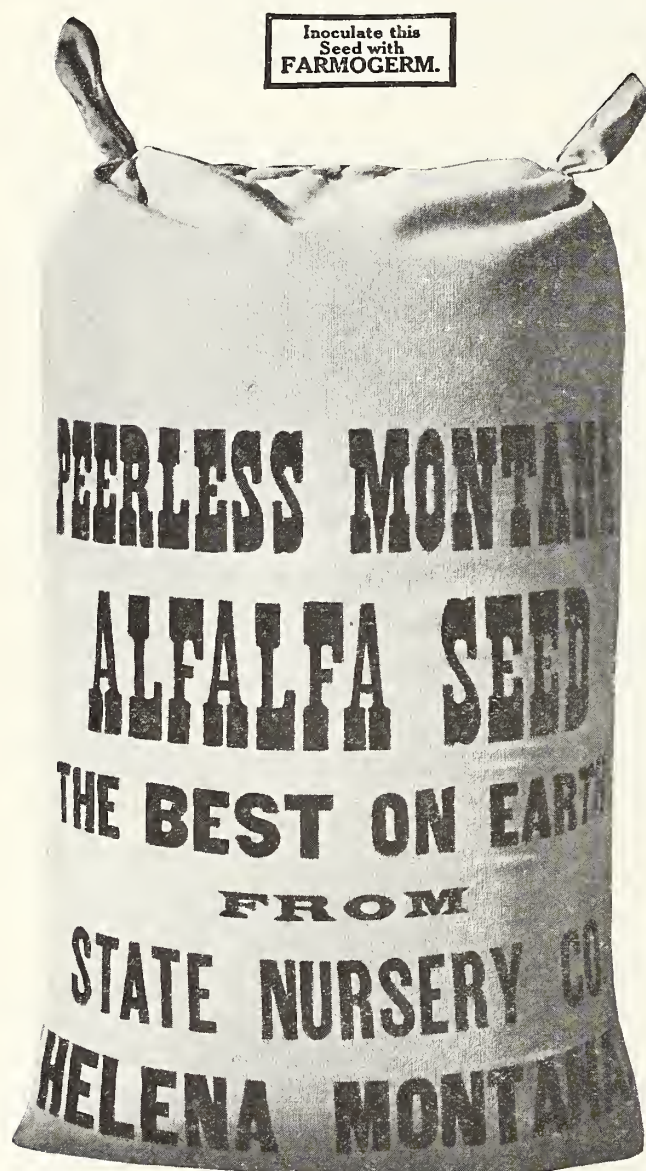
## SCARIFYING.

We have installed an up to-the-minute Ames Scarifying machine. Add \$1.00 per 100 lbs. if you desire your Sweet Clover or Alfalfa Seed Scarified.



### Montana Ordinary Alfalfa Seed

is today acknowledged to be without a peer. Experiment Stations of several State Agricultural Colleges, bear out in every case the final superiority of Montana seed, for hardiness, vitality and productiveness. Located as we are, in the heart of the Rockies, we have facilities for the selection and acquisition of the highest grades of Alfalfa for the northwestern country that are not equaled by any other house, and our customers may rely on the assertion that seed secured from us is of the hardest and best obtainable quality in the grade in which we class it.



**ALFALFA**—("Peerless") Best on earth, in Sealed Bags. The seed is large and of high germination. Our seed is obtained in those sections where plants have endured the extreme cold of winter and thrive at high altitudes. Our experience of several seasons has demonstrated the superiority of this seed under adverse climatic conditions throughout the entire Northwest. There is no better seed grown.

### ALFALFA—(Continued.)

**ALFALFA**—(Placer) Experiments of many agricultural stations have established without a doubt the superior hardiness of Montana grown Alfalfa seed over that produced elsewhere. This grade is selected from among the best that grows, and is next only to our "Peerless." Samples cheerfully sent to intending purchasers; when writing for samples, please state what quantity you expect to use, so that we may quote you the best possible price on the quantity you need.

**ALFALFA**—(Quartz) An excellent grade of seed, but on account of unfavorable weather it has some discolored seed and therefore is not bright enough in color for our higher grades. We will be pleased to submit samples with tests and can quote on any quantity desired.

**ALFALFA**—(Turkestan) Imported. Some of our customers have had splendid success with this imported type of Alfalfa, and we list it for their benefit. The seed we offer is of the best quality obtainable. Samples and prices will be furnished on application, stating quantity desired.



Gold Medal Awarded Us for Alfalfa Seed at the Panama-Pacific Exposition, San Francisco, Cal.



Harvesting Registered Grimm Alfalfa.



# CLOVERS

Inoculate this  
Seed with  
**FARMOGERM.**

**Medium Red, "Peerless"**—Looking to the future, no time should be lost in introducing the bacilli of the Red and Alfalfa Clovers. The use of nitro cultures may tend to hasten their establishment, but nature's way, and the best way, is to use a small quantity of seed, say a pound or two of Red and Alfalfa Clover to the acre with whatever crop you are seeding. After a little you have the prized bacilli in your land, then you may safely call your farm doubled in value from a producing standpoint. Red Clover is regarded as the most important of the whole genus for practical agriculture; valuable not only for forage, but also a fertilizer for the soil. Long, powerful tap-roots, which in decaying add largely to that black mass of matter we call soil.

**Mammoth Red "Peerless Grade"**—This variety of clover matures about two weeks later than the ordinary red clover, and will produce a heavier yield per acre than any other variety. It is also better adapted to poor sandy soil than other sorts Alsike included. On account of its vigorous heavy growth, it should be cut for hay before the bloom fully matures, otherwise the heavy growth will have a tendency to become woody. It is by far the best variety known where clover is desired for a hog pasture.

**Alsike or Swedish "Peerless" Grade**—This Clover originally came from the little Province of Alsike in Sweden. One of the hardiest varieties known, is perennial and does not winter kill; stands alike drouth or wet. We know of many who have used Alsike Clover to sow in boggy land, making this land produce a crop or pasture and at the same time enabling it to be driven over, as the mass of roots make a heavy sod. Favorite with bee keepers. Flowers with sweet agreeable odor.

**Alsike or Swedish "Placer" Grade**—

**White Dutch**—Excellent for pasture, and when mixed with Kentucky Blue Grass, makes the finest and most nutritious food for sheep and cows, used universally for lawns in the United States. Sow 5 to 8 pounds to the acre, alone for pasture; for lawn, 1 lb. to 400 square feet.

**Crimson Clover**—An annual variety in common use in Italy and southern France for feeding green. Also grown largely in this country in Virginia, where it is called "German Clover," and we think would do well in our western states.

## ADVANTAGES OF SWEET CLOVER.

Consider the following facts: 1. It is not a weed. 2. Like alfalfa it is rich in protein. 3. Will not bloat cattle or sheep. 4. Equal to alfalfa for pasture. 5. Is a great milk producer. 6. Furnishes early spring pasture. 7. Contains more protein than red clover. 8. Fits well in the crop rotation. 9. Is a great soil enriching crop. 10. Better than any of the common clovers as a green manure crop. 11. Is a valuable plant for honey bees. 12. Prepares the soil for alfalfa. 13. Roots are soft and give no trouble in plowing. 14. Roots being tender, become inoculated more readily than alfalfa. 15. Never damages cultivated crops. 16. Its roots decay rapidly, adding much nitrogen and humus to the soil. 17. Grows and will produce a crop in all parts of the United States. 18. Seeds freely in both humid and dry sections. 19. Sweet Clover prevents erosion. 20. Will grow under conditions where clover and alfalfa fail; (a) on low, wet, alkali and acid soils; (b) on hard, compact soils; (c) on poor soil, especially where there is lime.

A special pamphlet on Sweet Clover and Its Uses, on application.

FOR PRICES SEE RED INSERT—PAGE 96.

**Sweet White Blossom**—As Sweet Clover can be grown under conditions which are unfavorable to most forage or grazing crops, it is destined to become quite popular in our non-irrigated pasture lands. This fact has caused our Agricultural Colleges to recommend it very highly. Inquiries for Sweet Clover Seed are yearly growing in number, as our farmers learn its true value.

**Sweet White Blossom, "Placer" Grade**—

**Sweet White Blossom, "Quartz" Grade**—This grade is unhulled seed. Both high in Purity and Germination.

**Sweet Yellow Blossom, "Peerless" Grade**—The Yellow Blossom Sweet Clover belongs to the same family as the white blossom, not quite so vigorous in growth, but is at least 14 to 21 days earlier, and has yellow flowers.

**Sweet Yellow Blossom, "Placer" Grade**—

## RED TOP

(Eight to ten lbs. to the Acre.)

**Solid Seed, "Peerless"**—A valuable grass for moist soils.

It is a good permanent grass, standing our climate as well as any other, and consequently well adapted to our pastures, on which it should be fed close, for if allowed to grow up to seed the cattle refuse it. On moist, rich soil it will grow 2 feet, and on poor gravelly soil, about half that height. It has been grown successfully even on "alkali" bottom lands, where other grasses failed. We do not handle the chaffy grade of Red Top, and offer only clean seed.

**Solid Seed, "Placer"**—Excellent quality. Second only to Peerless.

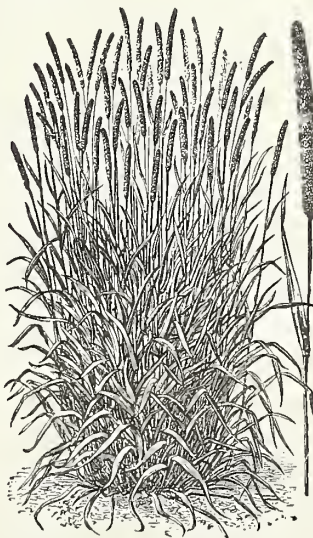
## TIMOTHY

(Eight to Ten Lbs. to the Acre.)

### "PEERLESS" GRADE.

As a crop for hay, Timothy is probably unsurpassed by any other grass. It is greatly relished by all kinds of stock, especially horses. It yields more nutritive matter than any other grass or forage plant. It is not suited for a permanent pasture, as it will, in the course of a few years, run out. It is, however, well adapted to early spring grazing, as it starts up quickly in the spring and in favorable weather can be pastured in the autumn as well. The largest crops of hay are raised on rich land. It is not suited for light, sandy soil as well as some other grasses.

**"Placer" Grade**—This grade, like the above, is the plump native grown seed, unequaled by the stocks of most eastern firms. If you use large lots write for special price, stating quantity you expect to use.



Timothy.

**Alsike Clover and Timothy Mixed**—Where Alsike Clover and Timothy are grown together, and the seed is saved therefrom, it is impossible in cleaning to make a complete separation of the two. On this account we purchase the seed for less money and we can sell it for less money than would be the case if a perfect separation could be made. Those desiring to sow Alsike and Timothy together can save considerable money by buying the seed of

these two varieties together as originally harvested. This makes a splendid mixture for hay or pasture, with just enough Alsike Clover to make splendid hay for horses or dairy cows.



**BLUE GRASS**

(20 to 25 Lbs. to the Acre.)

**Kentucky "Peerless"**—We wish to call particular attention to the cleanliness of our Blue Grass. As usually sold by most seedsmen it weighs 19 to 20 lbs. to the measured bushel. Our seed is thoroughly recleaned.

**Kentucky "Placer" Grade**—Used extensively for lawns and parking streets; also makes excellent pasture or hay.

Correspondence in English, German or Scandinavian.

**BROME GRASS**

(15 to 20 Lbs. Per Acre.)

**Bromus Inermis, "Peerless" Grade**

A wonderful drouth resister. A grass for the stock raiser. All cattle like it. Will drive out Russian Thistle, also Black Mustard. Drouth defying, frost resisting. Yields enormous crops of splendid hay and affords early and abundant pasturage. We have seen some very fine crops of Brome Grass and Alfalfa mixed, which makes an excellent hay for horses and cattle. Try it. These both mature and cure at the same time. Our Peerless grade of this magnificent grass is unequalled for purity and high germination, and less seed is required to the acre than any other grade. From good seed, good crops grow.

**SLENDER WHEAT GRASS**

(20 Lbs. Per Acre.)

**Or Western Rye Grass**—This is a valuable native grass, very hardy and makes good hay. Much valued for crop rotation. Seed about 20 lbs. to the acre, and do not cover too deeply. Some growers advise the mixture of Red Clover with this grass and for hay this assures easier handling in harvesting. It has proven a valuable crop in the Dakotas and also in Northwestern Canada. On account of the very short crop and scarcity of Brome Grass this season, Slender Wheat Grass will be used extensively.

**ORCHARD GRASS**

(20 to 25 Lbs. Per Acre.)

**"Peerless" Grade**—A valuable grass for pasture or hay land, and on account of its earliness is very valuable for a permanent pasture. It furnishes the first green grass in the spring and until late in the fall. When closely cropped it grows up very quickly and is ready for grazing again in ten to twelve days. When grown for hay, more than one crop can be obtained in one season, and when only one crop is cut the aftergrowth is very heavy and gives splendid and rich pasture till late in the fall. It will stand drouth and is hardy. It grows in tufts, and is therefore best sown with Red Clovers, rye grass etc. It is well suited for shady places, such as orchards and groves.

Do you wish your Clover or Alfalfa Seed Scarified? See Page 113.

**PERENNIAL RYE GRASS**

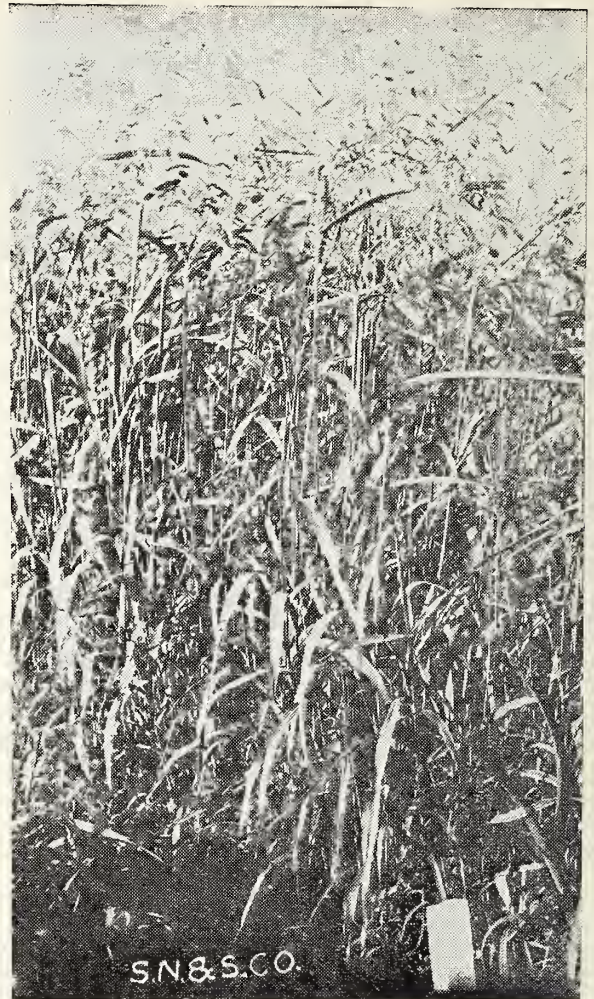
(25 to 30 Lbs. Per Acre.)

**"Peerless" Grade**—A strong growing, hardy perennial grass, valuable both for grazing and hay. Also makes a fine lawn and does not require the close care that Blue Grass does as it will flourish better under trees or in shady locations.

FOR PRICES SEE RED INSERT—Page 96.

**SUDAN GRASS**

One of the Most Remarkable New Forage Crops Grown.



**SUDAN GRASS**—The original form of the cultivated Sorghum. It was brought to the United States by the U. S. Department of Agriculture in 1909. It is a tall annual grass, and ranges in height from 4 to 8 feet. The stems are small and somewhat more leafy than Johnson Grass, which it most nearly resembles. Like the Sorghum crop, it must be planted each spring and dies when the first frost comes. It usually matures 90 days from planting. Its feeding value marks it easily as one of the dependable crops for the farm.

**HOW TO PLANT.**

Use 3 lbs. per acre if in cultivated rows; 5 lbs. per acre in drills, and 16 to 24 lbs. per acre broadcast. It should not be planted until all danger of frost is past and the ground thoroughly warm, as the young plant is more tender than Sorghum.

**HARVESTING.**

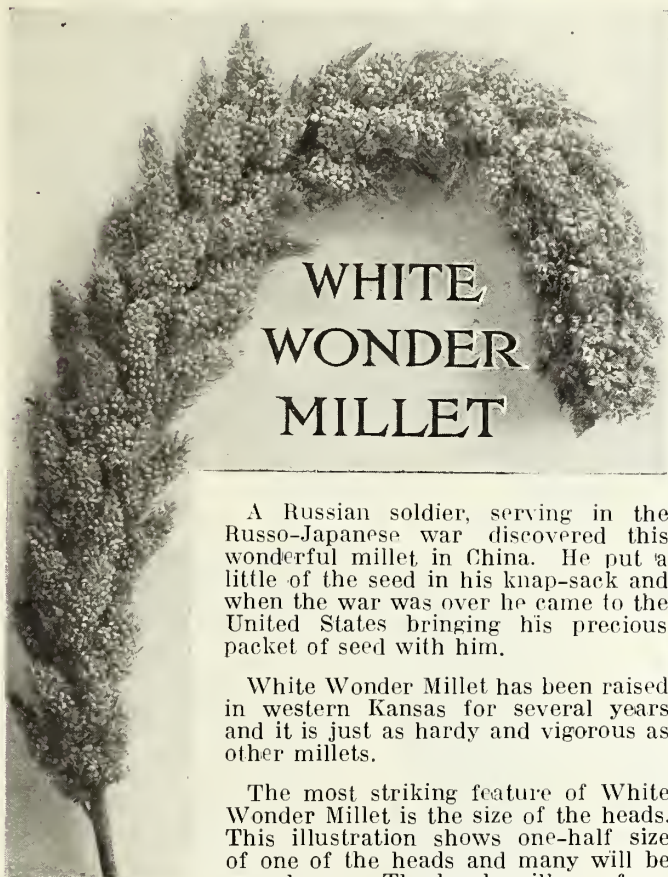
The crop should be cut as soon as the grass is fully headed and early cutting is advised where the crop is to be used for hay. If grown for seed it should be cut when the seed is ripe and fully matured. It may be harvested with a mower or grain binder. If planted in drills it can be readily harvested with a corn binder. When sown for seed it is best to bind it as it is much easier to handle it in threshing.

FOR PRICES SEE RED INSERT—Page 96.



## MILLETS

(3 Lbs. to Acre for Cultivated Rows; 5 Lbs. to Acre in Drills; 16 to 24 Lbs. Per Acre Broadcast.)



### WHITE WONDER MILLET

A Russian soldier, serving in the Russo-Japanese war discovered this wonderful millet in China. He put a little of the seed in his knap-sack and when the war was over he came to the United States bringing his precious packet of seed with him.

White Wonder Millet has been raised in western Kansas for several years and it is just as hardy and vigorous as other millets.

The most striking feature of White Wonder Millet is the size of the heads. This illustration shows one-half size of one of the heads and many will be even larger. The heads will run from eight up to eighteen inches and a single head will have as many as 15,000 seeds.

The yield of White Wonder Millet is extremely heavy, being fully half again as heavy as that of German Millet. Some growers of White Wonder Millet claim that it will outyield other millets three to one.

Another very desirable feature of White Wonder Millet is its earliness. This variety is much earlier than German Millet but not quite as early as the Siberian variety.

The foliage is very heavy, the leaves broad, and therefore it produces an immense amount of excellent fodder which cures very readily.

We believe that on account of the earliness, the immense yield of both grain and fodder, and the very vigorous growth which leave the ground clean, White Wonder Millet will soon take first place among the millets.

**GERMAN—Tennessee Grown Seed**—In the north Millet is sown almost altogether for hay and for that purpose southern grown seed is much the best. It grows taller than does that from northern seed, and that means more hay. It is finer than that from the northern seed, and that means better hay. In fact, it is our judgment based on an experience of many years that a farmer had better, from the standpoint of profit alone, pay \$2.00 a bushel for true southern grown German Millet than to sow the best northern Millet as a gift. Millet seed produced in the north, even from southern seed, becomes what we call Common Millet. Not only does the plant change in character, becoming coarser and much more dwarf, but the seed itself shows a change and is readily distinguished by those experienced in handling it.

**SIBERIAN OR KURSK MILLET**—This variety was first introduced into the United States from Kursk, Russia, in 1898. Extensive experiments were conducted at both the South Dakota trial stations which demonstrated the superiority of this new variety. As both a hay and seed producer it ranks very high. In dry seasons the weight and quality of the hay has been far ahead of German or Hungarian Millet. In favorable years the difference has not been so great, but the results have always been in favor of the Kursk Millet. We have a fine supply of excellent quality.

**HOG OR BROOM CORN**—This is grown for the same purpose for which other Millets are sown, but makes inferior hay unless cut very young. It yields enormously of seed, even 60 to 70 bushels to the acre, and this seed is very advantageously used for fattening swine and other stock, and is of special value for this purpose in sections where corn cannot be safely or cheaply grown. Seed also makes very fine feed for poultry or young chicks. It is very similar to the Early Fortune Millet except that the seed is yellowish white in color. It will mature in about two months from sowing the seed.

**JAPANESE**—Improperly called "Billion Dollar Grass"—Entirely distinct from all other Millets. It grows from 6 to 9 feet high, stands up remarkably and yields enormous crops. When cured it makes good hay and in quality is superior to corn fodder. It is relished by all kinds of stock. Sow 10 lbs. in drills; 15 lbs. broadcast to the acre.

### OUR GRADES

### "PEERLESS" "PLACER" "QUARTZ"

Are the highest and best obtainable anywhere  
LOOK FOR THEM

### FETERITA

(3 to 4 Lbs. Per Acre in Drills.)

**FETERITA**—A wonderful new grain which has attracted considerable favorable attention in Kansas, Missouri and Oklahoma. It belongs to the Sorghum family. It was introduced from Africa by the United States Department of Agriculture. The advantages of Feterita are its drouth resisting qualities, its heavy yield its earliness, its stooling propensities and its freedom from insect pests. It is of medium height and about equal to Kaffir Corn in feeding value. Feterita successfully withstood dry weather in Kansas and nearby states during 1913 and yielded more under these unfavorable conditions, 35 bushels per acre and more. Under proper conditions, it will yield 60 to 75 bushels to the acre. It branches very freely from the roots, making from three to eighteen heads from a single stool. It is from two to three weeks earlier than Kaffir Corn, and should successfully mature in the north. Culture same as for Kaffir. The chinch bugs will consume other crops, but seem to leave Feterita entirely alone.

### LENTILS

**Montana Grown**—Lentils are again coming to the front in leguminous crops, and rightfully so. Inoculated with Farmogerm, they enrich the land with nitrogen, they produce a heavy crop on poor soils, the crop can be profitably used for any feed purposes either green or cured, and the ripened crop when threshed is in great demand for cooking purposes. Few of the legume family make as desirable a stock for soups as do the Lentils. Oriental countries have long used this as a chief article of diet, and its value in this country for that purpose is becoming better known.

FOR PRICES SEE RED INSERT—Page 96,



## SORGHUM OR SUGAR CANE

(15 Lbs. Per Acre Drills; 50 Lbs. Broadcast.)

**Sorghum**—(Southern Seed)—This Sorghum, while not suited for syrup making purposes in this section, is of great value as a forage crop, whether to be cut and dried or for use in silos. It is very rich in feeding qualities and will yield heavily on irrigated or sub-irrigated lands.



Kaffir Corn.

**Kaffir Corn, White Seeded**—An excellent fodder plant, yielding two crops of fodder during the season. It grows 4 to 5 feet high, making a straight upright growth. The stem or stalk bears numerous wide leaves. The stalks are brittle and juicy, not hardening like other varieties of Sorghum. It makes excellent fodder, either green or dry, which is highly relished by cattle and all kinds of stock. The seed crop is also heavy, sometimes 50 to 60 bushels to the acre. For grain, sow in rows 3 feet apart, 3 to 5 pounds to the acre. For fodder sow 40 to 50 lbs. either broadcast or in drills.

## FIELD PEAS

Inoculate this  
Seed with  
**FARMOGERM.**

(60 to 75 Lbs. Per Acre in Drills; 75 to 100 Lbs. Broadcast.)

Here is a crop which is not only profitable, but will return to the land the much-needed nitrogen. Peas are second only to clover in their soil-enriching properties and can be grown under any conditions of soil or climate. There is always a ready market for peas, or they can be profitably ground and fed to stock. The vines make rich, nutritious hay. If fed to milch cows, when in a green state, pods, vines and all, the flow of milk will be almost doubled. Peas are a paying crop and can be profitably planted in many ways.

**Canada**—Canada Peas are one of the most useful and valuable legumes that can be grown by the northwestern farmer. Of a most hardy nature, they will thrive fairly well even on the poorest land, and aid most materially in bringing the land into a good condition for other crops, especially when the seed is inoculated with Farmogerm, which should be used with all leguminous crops to get the best nitrogen additions to the soil. They grow from 3 to 4 feet high and the crop can be used in any manner, as ensilage, or cured for hay of the highest quality, or as a hog pasture, or plowed under for a green manure. The ripe dry peas are much used for soups, and for that purpose when properly cleaned always bring a high price.

FOR PRICES SEE RED INSERT—Page 96.

## FIELD PEAS—(Continued.)

**White Marrowfat**—These large handsome Peas are equally as profitable to grow as a field crop and on account of their size are salable at all times at the top of the market, as well as providing the table with an extra good pea during summer. Very heavy yielder, producing from 40 to 60 bushels per acre; these peas being softer than the Canada Pea, are preferred by hogs or stock. Many growers are increasing their acreage of these peas, considering this variety the best and most profitable.

**Alaska**—An early maturing Pea which is becoming quite popular because it stands up well in the field, and can be cut from either side, and is a heavy yielder. This is one of the varieties sought after by the canners.

**Mixed**—We have a good stock of these Peas which are a mixed lot (Canada, Marrowfat and Grey), suitable for hogging off or pea hay for soiling. Will mail samples on request.

Correspondence in English, German or Scandinavian.

Inoculate this  
Seed with  
**FARMOGERM.**

## VETCHES



WINTER VETCH

(40 to 50 Lbs. to the Acre.)

**Spring Vetch**—Used for the same purpose as the Sand or Winter Vetch. This variety requires a good soil, is frequently sown with oats or barley, with which it makes excellent feed.

**Sand or Winter Vetch (Vicia Villosa)**—Sometimes called Hairy Vetch. This is a very valuable forage plant and is rapidly becoming popular each year as the farmers are learning more of its great value for forage and fertilizing purposes. It succeeds well on nearly all soils and thrives surprisingly on poor light land, and well stands extreme of drouth, heat and cold. It improves the soil, being a great nitrogen gatherer. It belongs to the pea family, but the vines are much longer and the foliage is more abundant. May be sown with about half bushel of rye or oats for support. It grows rapidly and is particularly valuable in

sections where clover does not thrive.

## FLAX

(16 to 20 Lbs. to the Acre.)

**Russian**—The standard sort used in the northwest. It requires special machinery to make seed of any grain and this is especially true of Flax. Cleaning Flax so as to make it "right" for seed is a somewhat expensive operation and involves a very considerable waste. But write for sample, use the magnifying glass, and compare it with flax from the farm or elevator and judge for yourself if our seed is worth to you all its costs. Spray your flax with formaldehyde before seeding.

**South Dakota #114**—This Flax comes to us highly recommended both as a seed and fibre producer. In the section where it originated it has proven under normal conditions wilt-resistant and of excellent value.



## We Carry a Full Line of Poultry Remedies

*Insecticides, Sprayers, Garden Requisites  
Planet Jr. Tools*

See Last Pages of This Catalog

## SUNFLOWER

(8 Lbs. to the Acre.)

**Mammoth Russian**—Single heads measure 15 to 22 inches in diameter, and contain an immense amount of seed, which is highly valued by farmers and poultry breeders who have tried it as an excellent and cheap food for fowls. It is the best egg producing food known for poultry. It can be raised cheaper than corn, and is destined to be an article of great value. Sunflower is being profitably grown as a fodder crop quite extensively in some parts of Montana.

## RAPE

(Sow 2 to 3 Lbs. to the Acre in Drills; 5 Lbs. Broadcast.)

**Use of Dwarf Essex Rape**—Dwarf Essex Rape thrives best on a good soil, rich in vegetable matter. Slough lands are excellent. This plant may be grown successfully in the following ways, viz: 1. In the early spring, to provide pasture. 2. In June or July, on well prepared land to provide pasture. 3. Along with grain using 2 lbs. of seed an acre, to provide pasture for sheep after harvest. 4. Along with peas, oats, clover seed, to provide pasture and to get a "catch" of clover. 5 As a cover in the orchard for winter protection to avoid root-killing. 6. In corn, sowing the seed with the last cultivation; the succulent feed produced may save the loss of cattle by corn stalk disease. Prevention is better than medicine in regard to this fatal disease. 7. Along with rye, sown in August, in sheep pasture. 8. On early plowed fields to shade the land and so that the soil will not leach, wash or drift. 9. To plow under as a green crop, adding humus to the soil, an element needed in grain growing sections. When rape is sown broadcast, 5 lbs. of seed an acre will suffice. When sown in rows, say thirty inches apart and cultivated, from 2 to 3 lbs. an acre will be enough.

## BUCKWHEAT

(35 to 40 Lbs. to the Acre.)

**SILVER HULL BUCKWHEAT**—This valuable variety originated abroad and is a decided improvement on the old black or gray sort. It is early, remains longer in bloom than other sorts. A fine variety for honey bees. The grain is of a beautiful light gray color, and has a thin husk. Millers prefer Silver Hull, there being less waste and it makes whiter, better and more nutritious flour than other varieties. Silver Hull is more productive and the grain meets with a more ready sale, bringing higher prices than the Japanese. Under favorable conditions it will yield 40 to 50 bushels an acre.

## BIRD SEED

**BIRD SEED MIXED**—(S. N. & S. Co.'s) Lb. (Postpaid), 25c; by Express or Freight, 10 Lbs. \$1.50  
Has become famous for its superior quality. We use nothing but the freshest high-grade seed free from mustiness and dust. These seeds are particularly relished by canary birds, etc. Put up in 1 pound lithographed cartons.

**BIRD**—(Hemp)—Best grade, Lb., 20c; (Postpaid).....25c  
**BIRD**—(Canary)—Best Sicily, Lb., 20c; (Postpaid).....25c  
**BIRD**—(Rape)—For birds Lb., 20c; (Postpaid).....25c  
**BIRD**—(Millet)—Fancy, Lb., 12½c; (Postpaid).....18½c  
**BIRD**—(Gravel)—Lb., 12½c; (Postpaid).....18½c

# SEED GRAINS

## WHEAT

(60 to 75 Lbs. to the Acre.)

**SPRING DURUM**—Durum or Kubanka Macaroni—In the field this Wheat grows very strong and with surprising rapidity, so rapidly as to get well ahead of the weeds. It does not shell or bleach and is also hail proof owing to the tightness of the hull. The straw is very strong.

**Marquis Wheat**—The wheat you will eventually buy. Unquestionably the best wheat for the northwest. Matures a week to ten days earlier than Red Fife; yields 15 to 20 bushels to an acre more than Red Fife, and for milling purposes grades No. 1 hard. Kernel is hard and flinty, a little darker than Red Fife and more plump than that variety. It is beardless, having smooth yellow chaff. Marquis Wheat is the earliest, hardiest and heaviest yielding Spring Wheat adapted for northwestern conditions.

**Soft Spring Club**—An old favorite, grown especially for consumption at home for feeding purposes.

**BURBANK SUPER WHEAT**—See Page 121.

**WINTER WHEAT**—Kharkov or Improved Turkey Red—For delivery in July, write for Sample and price. The kernel is a little larger and berry a little lighter in color than the Turkey Red, of which this is an improvement. By various growers' reports the Kharkov is a better yielder by from 4 to 6 bushels per acre.

**WINTER WHEAT**—Turkey Red—For delivery in July, write for Sample and Price. We offer a True Strain of the Old Reliable Turkey Red. The Farmers' and Millers' Friend.

**Winter Club**—For delivery in July write for Sample and Price. This Wheat is grown very successfully in many parts of the state, its yields are usually better than Turkey Red, the grain being a semi-hard, it is used in preference to Hard Wheat for feeding purposes.

## OATS

(50 to 60 Lbs. to the Acre.)

**Swedish Select**—These originated in Sweden and they seem to be adapted to the growing conditions of the Great Northwest better than any other of the improved Foreign Oats. They retain splendidly the vigor, hardiness and productivity that were bred into the original parents.

These Oats ripen fairly early, the straw is of medium height, strong and stiff. The grain is white, thin hulled, and plump. Weight per measured bushel, 46 lbs. The spikelets are small and usually two-grained. The shoots are abundant and the development in the field is strikingly regular and ample.

**National**—National Oats are claimed to be the heaviest yielders of the family. Yields have been reported from 60 to 150 bu. per acre. It stands drouth well, has a very strong stiff straw, with large long heads and kernels are large, full and white in color.

**60 Day Oats**—The Dry Land Farmers' Friend. This Oat is too well known in Montana to need any lengthy description. It is one of the best yielders in dry seasons, and does not lodge to any serious extent on irrigated lands.

FOR PRICES SEE RED INSERT—Page 96,



**OATS—(Continued.)**

**Golden Rust Proof Oats**—This Oat has been grown the past season (1917) in Yellowstone Co., Mont. with great success. The grower reports that it yielded 80 bushels to the acre, and not under the most favorable conditions, being over-irrigated. In spite of this it would not lodge at any part of the field, and no signs of rust appeared on any part of the crop.

**SPELTZ or EMMER**

**Facts about Speltz**—It resists drouth; thrives on poor lands, in stony ground, forest regions, on the prairies; makes a crop with almost any condition of soil and climate; endures a great deal of frost; is not readily damaged by harvest rains; is not susceptible to rust or smut; yields more than oats, wheat or barley; better feed than barley; the straw is used for fattening stock; stock eat both grain and straw. Ripens early.



View of Speltz grown for Seed on Our Farm Which Yielded Over 50 Bu. Per Acre.

**RYE**

**SPRING RYE**—True stock. Spring Rye makes an excellent crop where winter grain has been killed out, or for sowing where a fall crop has not been planted. For the dry farmer needing a sure crop of hay, Rye can be depended on to produce a good tonnage of excellent hay. Does not grow quite so large straw as Winter Rye, but usually yields well and grain is of fine quality. We call particular attention to the fact that we offer genuine Spring Rye.

**FALL RYE**—Winter Rye is much hardier than wheat and can be grown on a greater variety of soils. It will thrive in dry seasons and on light sandy loam. It is grown for grain, fodder, soiling purposes and green manure. Sow Aug. 20th to Sept. 15th— $4\frac{1}{4}$  bu. per acre if for grain, and  $1\frac{1}{2}$  to 2 bu. per acre for Fall pasture. If drilled 2 to  $2\frac{1}{2}$  in. deep there will be less danger of Winter killing. Ready for delivery in August.

FOR PRICES SEE RED INSERT—PAGE 96.

**BARLEY**

Barley—White Hulless.

**White Hulless**—No Barley of which we have knowledge has proved so valuable to the stock raiser as the White Hulless. It is not a malting variety, but for feeding purposes there is no Barley raised its equal in earliness, yield and quality.

**Its Valuable Properties**—It is hulless, beardless, and early; it weighs over 60 pounds to the measured bushel; yields well on poor land; yields enormously on good land; makes better pork than corn; it is of inestimable value to every one who feeds stock. It is often grown for hay, coming very early and providing rich food. It should be cut just before it becomes ripe and while the straw is green. In this condition it is relished by all kinds of stock. The straw is stiff and straight, and seldom if ever does it lodge. Use 50 lbs. seed to acre on dry land for grain crop.

**Two-Row**—A bearded hulled variety which has shown in Montana experiment station very heavy yields. Straw rather short especially in dry seasons.

When grown without irrigation sow as early as the weather will permit.

**Six Row**—A well known and popular bearded and hulled variety, yielding heavily and with grain of the highest quality.



CORN—In Our Trial Grounds.



# THE NEW BURBANK WHEAT



From Actual Photograph, 1917

## The New Burbank Wheat

By Luther Burbank.

"It is with unusual satisfaction that I now offer, for the first time, a limited quantity of my new wheat; the best result of ten years of most careful and expensive experiments. It has been tested alongside of sixty-eight of the best wheats of the world, and has excelled them all in yield, uniformity, and other desirable characteristics; the growth is strong, four feet on good ordinary soil, tillers unusually well, and on ordinary valley soil, without special cultivation, care or fertilizing, this Summer produced at the rate of *forty-nine and 88-100* bushels per acre, every plant and every kernel uniform, as this wheat was originally all grown from one single kernel. Even at present prices of ordinary wheat for milling purposes, it will be readily seen that the crop of each acre would *purchase* an acre of the best wheat land.

The small field of this new Wheat has been the wonder and surprise of thousands who have seen it; nothing like it in uniformity and beauty ever having been seen before. The cut shows the exact appearance of the long, smooth, white, well-filled heads. Every kernel is guaranteed uniform and correct to type.

This, like all other wheats grown in California, is a Winter wheat and should probably be generally treated as such, and will, no doubt, thrive better in new localities after it becomes acclimated by one or two seasons' growth.

The quantity now on hand is extremely small compared with a most surprising and wholly unexpected demand for it; *no large lot can be supplied to any one.*

For such valuable wheat, drilling in rows with hand drills and cultivating between the rows will of course be of great advantage, and *it might be well to save part of your seed for spring sowing in Montana.*

This is a great stooling wheat, and it does not shell out easily in the field."

As will be noted in the above description this new wheat is a California product, and while essentially a winter wheat, Mr. Burbank recognizes the fact that it will be well to test it as a Spring Wheat in the climate of Montana, and we heartily endorse this view. Many of our customers are trying it out both as a Winter and also as a Spring wheat in this section, and we shall be very glad to receive full reports of the results obtained in different localities under varying conditions.

PRICE OF THE NEW BURBANK WHEAT—Per lb. F. O. B. Helena .....\$5.00

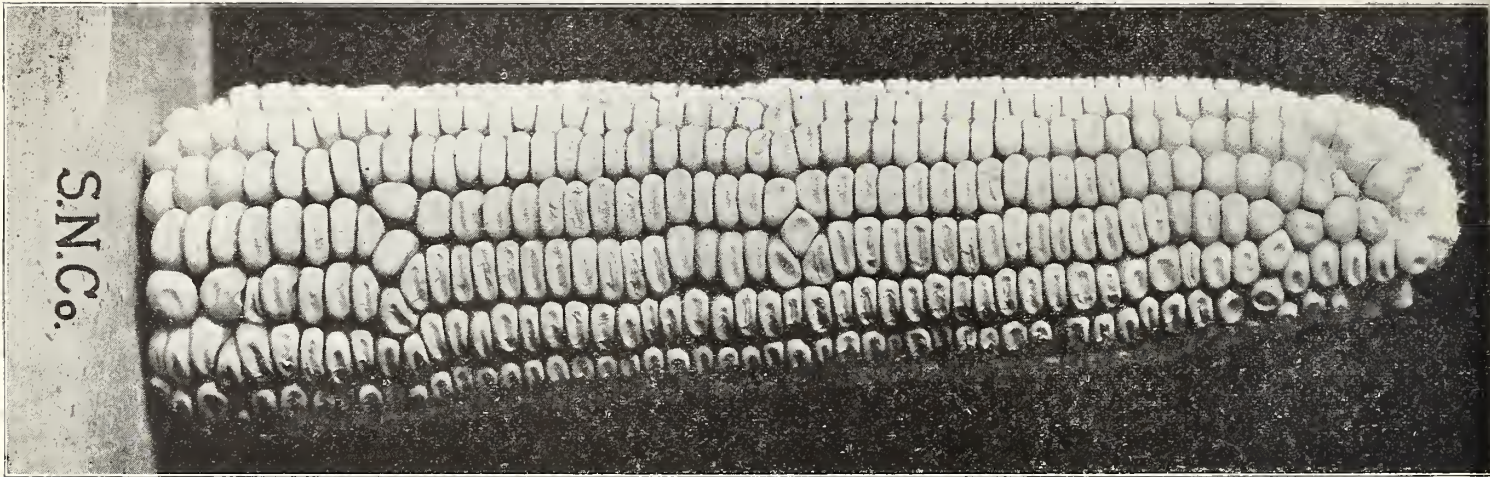
Order early—as all orders will be filled in strict rotation in the order of their receipt, and when the limited supply we have been able to secure is exhausted, it will be impossible to secure any more this season.

STATE NURSERY & SEED CO., HELENA, MONTANA.



# FIELD CORN

(15 lbs. will plant an acre in hills, 30 to 40 lbs. drilled for fodder.)



White Dent High Power.

**WHITE DENT HIGH POWER**—This well known Corn is one of the best for the northwest section, and has yielded as high as 65 bushels to the acre on dry land at an altitude of 2700 feet, and matured in 100 days.

**BROWN COUNTY YELLOW DENT CORN**—This variety of Corn has been grown in Rosebud County for several years. It is early maturing yet heavy yielding. It usually matures in from 90 to 95 days. The ears are from 7 to 8 inches long, and 12 to 14 rowed. Butts well rounded out; tips slightly tapering but well filled, kernels are fairly deep.

**MINNESOTA NO. 13—Extra Early Yellow Dent**—The commanding points of excellence which will place Minnesota No. 13 Corn at the head of all Yellow Dent varieties for northern planting are: Its clearness, its productiveness, its adaptability to a great variety of soils and climates. The ears average eight inches in length and are borne usually two on a stalk. Minnesota No. 13 thoroughly matures in 90 days when planted on favorable soil and in good location, but 95 to 100 days places it out of danger under average conditions.

**Rustler White Dent**—This Early White Dent (14 to 18 rows) was obtained from a few kernels in the autumn of 1885 by a Dakota farmer who stated that he had matured it in that state for seven successive years; that it was the only corn in his section that could show such a record. Admirably adapted to a northern climate. Average height of stalk, 8 feet; average distance base of ear from ground, 3 feet, 6 inches.

**Northwestern Dent**—This is recognized as one of the earliest Dent Corns known.

**Minnesota No. 23, or White Cap Yellow Dent**—This Corn is very similar in all respects to Minn. No. 13, with the exception that it is a White Cap Corn. Many growers prefer it on this account, and it has proven an exceptionally good Corn in many sections of Montana.

**North Dakota White Flint**—A Pure Pearly White Flint Corn, recommended very strongly for Montana farmers by Mr. M. L. Wilson of the Montana Agricultural College. This Corn is the result of careful selection from the Old Squaw Corn for many years. Average height of stalk 5 feet, average distance of ears from the ground 1½ feet, average length of ear 8 inches.

**Smut Nose Flint**—(8 rowed.) A yellow flint corn blazed with red at end of ear. Ears are large and round. This is a very early variety, and a great favorite in many localities. Our stock is very fine. Average length of ear 10 inches; average height of stalk 7 feet 6 inches; average distance base of ear from ground, 2 feet 11 inches.

## FODDER CORN.

Good Fodder Corn is rapidly becoming appreciated in the northwest, and the careful selection and attention of corn experts during the last decade have produced a type of low growing short-jointed corn bearing heavy foliage and also producing ears at an early stage, increasing the value enormously for green feed and ensilage purposes.

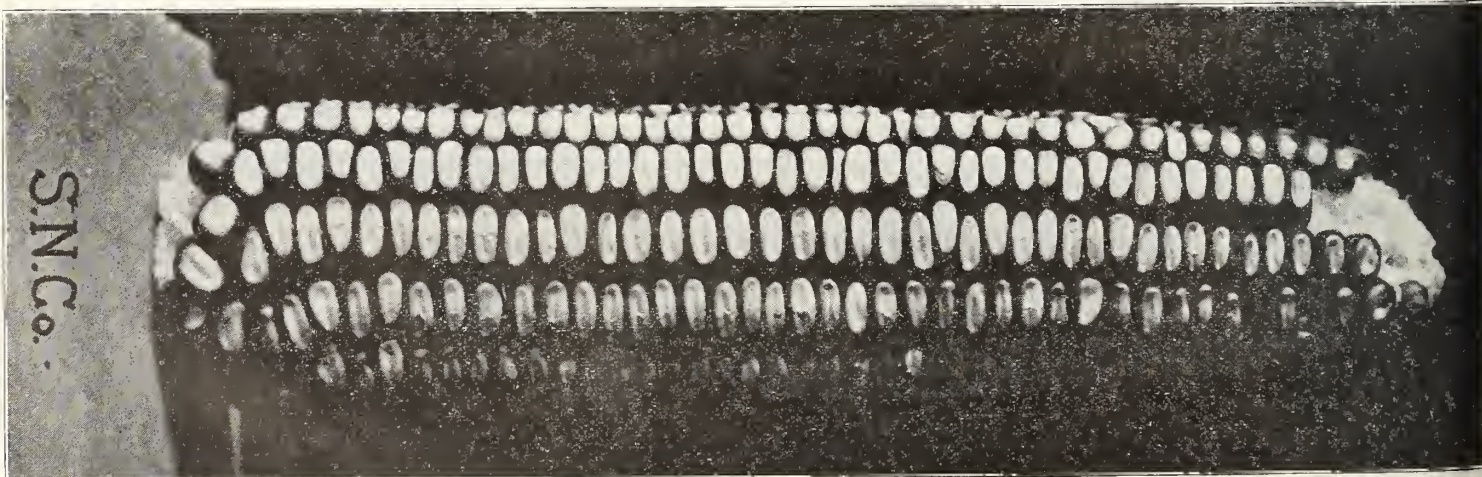
**YELLOW FODDER CORN—**

**WHITE COB FODDER CORN—**

**RED FODDER CORN—**

*For prices—see red insert—page 96*

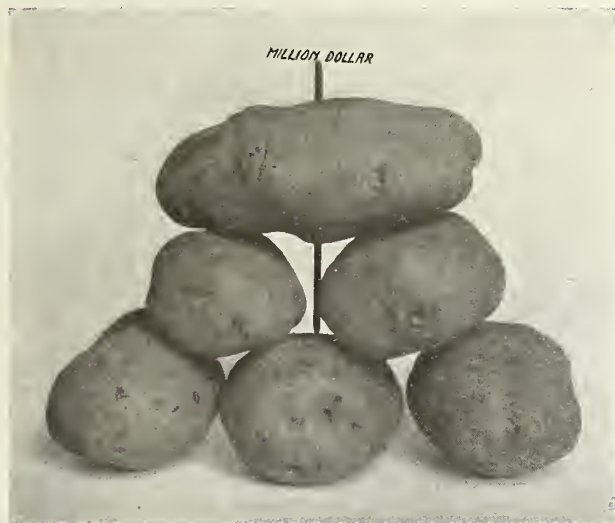
ALL SEED CORN OFFERED IS MONTANA GROWN EXCEPTING FODDER CORNS.



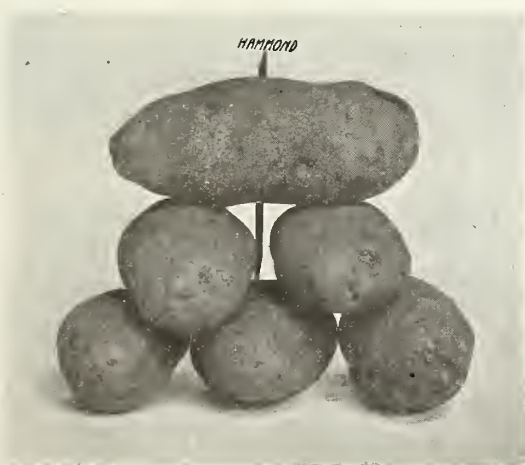
Minnesota No. 23.



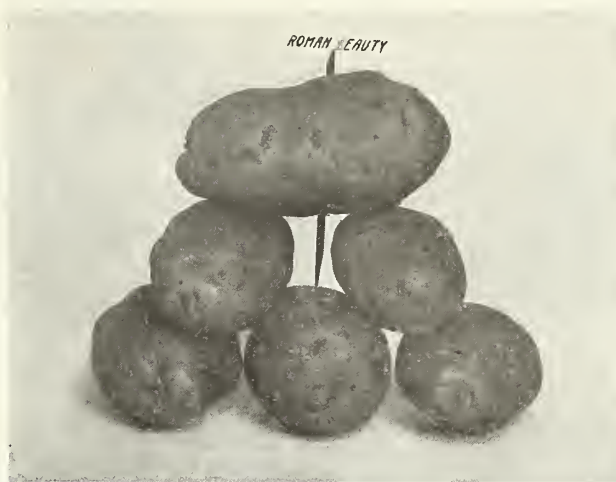
# SEED POTATOES



**MILLION DOLLAR**—(Howard Elliott)—50 Lbs., \$2.75; per 100 Lbs., \$5.00, at Purchaser's expense by Express or Freight. Write for prices on large quantities. This is a comparatively new introduction a wonderful yielder, and one that will prove a veritable gold mine to the potato growers of Montana. It is white potato, of good size, thin but tough skin, a splendid keeper, has no tendency to sprout too early when properly cared for, is most delicious when baked, and also a good potato for boiling. On our trial grounds last season was by far the heaviest yielder we grew. Especially adapted to irrigated lands, where its yield is phenomenal.



**HAMMOND**—50 Lbs., \$2.25; 100 Lbs., \$4.00, at purchaser's expense by freight or express. Also known as Rough Rider and Burbank Russett. This is without question the best Potato for Montana growers especially on irrigated lands. Prof. Whipple of the Montana Agricultural Experiment Station at Bozeman reports that even with one irrigation in the season that a yield of from 12,500 to 15,000 lbs. per acre was produced. It is a very smooth shallow eyed Potato, very uniform in size, an ideal baking tuber, does not cook away when boiled without the jacket, is almost entirely seab proof, a splendid winter keeper, and shows very little inclination to sprout until planted in the soil. Its peculiar russet coat render it easy to keep a pure stock of seed, and is of wonderful value as a protection from bruises in shipping, and thus lessening if not preventing the danger of rot when grown for the shipping trade.



**ROMAN BEAUTY**—25 Lbs., \$1.50; 50 Lbs., \$2.75; 100 Lbs., \$5.00, by express or freight at Purchaser's expense.

We have given this potato a thorough test on our trial grounds for the past four years, and it has proven itself well worthy as a market variety for Montana. It is very smooth Potato with eyes so shallow that it appears to be without them. Is a splendid baker, and is one of the best all round potatoes we have found for this section. Our supply of this fine variety is very limited, and intending purchasers will find it to their advantage to order early, before the stock is exhausted.



**EARLY OHIO**—25 Lbs., \$1.25; 50 Lbs., \$2.25; 100 Lbs., \$4.00, by freight or express at Purchaser's expense.

This is a well known early variety, a good keeper and is grown most extensively for the market in all sections of the country.

**EARLY SIX WEEKS**—25 Lbs., \$1.25; 50 Lbs., \$2.25; 100 Lbs., \$4.00; by express or freight at Purchaser's expense. This is a well known early variety, a good keeper and is grown most extensively for the market in all sections of the country.

**NORWEGIAN OR SWEDISH POTATO**—10 Lbs., F. O. B. Helena, \$1.00. Only 10 lbs. to a customer. This is a smaller type than the ordinary varieties of Irish Potato, and is especially suited for high altitudes, ripening early and being especially hardy. Requires but a short season to mature.



# POULTRY FOODS and REMEDIES.

WE CARRY A COMPLETE LINE OF POULTRY REMEDIES, ETC., WHICH ARE ABSOLUTELY THE BEST THAT EXPERIENCE CAN SUGGEST OR MONEY CAN BUY. IT WILL PAY YOU TO BUY THEM.

## Pratt's Baby Chick Food



Should be fed the first three weeks. It is essential to the nourishment of chicks that they be fed with food that can be thoroughly and easily digested. Baby Chick Food is balanced to suit the needs of chicks from the day they emerge from their shells. It will raise more chicks than any other food. Price 3 lb. package, 30c; 6½ lb. package, 50c; 14 lb. bag, \$1.20. If wanted by mail add postage.

## Pratt's Poultry Regulator

Contains all the necessary elements in accurate and scientific proportions that hens need for egg making. It builds up vitality and stimulates egg production. Poultry Regulator is used by the most successful poultry raisers everywhere. Perfectly pure and free from harmful substance. Price, 26 oz. 25c; 4 lbs. 50c; 12 lb. pail, \$1.25; 25 lb. pail, \$2.50. If wanted by mail add postage.



## Pratt's Lice Killer Powder



One of the most perfect lice killers especially valuable for use on young chicks and setting hens. It rids horses, cattle, hogs, dogs and cats of lice, also ticks on sheep. It is thoroughly effective as a destroyer of vermin and absolutely harmless to the chick. Price (Postpaid) 1 lb., 25c; 3 lbs. 50c.

## Pratt's Head Lice Ointment

Thousands of little chicks are killed each year by head lice. Pratt's Head Lice Ointment is a carefully prepared non-poisonous article and is instant death to the murderous lice, while it is absolutely harmless to the little chicks. It will pay for itself in saving one chick.

Price (Postpaid), 25c Box.



## Pratt's Animal Regulator



It keeps horses well and strong, improves their wind and makes their coat sleek and glossy. Cows give better milk and their calves are strong and healthy, and steers fatten in half the time.

Price: 25c, 50c and \$1.00 packages. 12 lb. pails, \$1.75; 25 lb. pail, \$3.00. If wanted by mail add postage.

## Healing Ointment

Injuries of any kind are healed naturally and permanently, and pain quickly relieved by applying Pratt's Healing Ointment. Sores, cuts, scratches, wounds, burns, barbwire cuts as well as skin eruptions, eczema and itching are quickly cured. Corns, harness and saddle galls disappear in short order. You should have this ointment handy at all times. Price (Postpaid), box 30c.

## Pratt's Chicken Cholera Remedy



Cholera creates a continuous and violent desire for water. For the treatment of cholera, indigestion, bowel trouble, and all kindred troubles in chicks or grown fowls this remedy is excellent. As cholera is very contagious it should be kept on hand by every one who raises little chicks.

Postpaid, 25c and 50c.

## White Diarrhoea Remedy

This is one of the greatest chick life savers ever put on the market. Thousands and thousands of little chicks die each year from the fatal white diarrhoea. It carries off from 60 to 75 per cent of all chicks hatched. Pratt's White Diarrhoea Remedy in the drinking water kills the specific organism which causes the disease, and saves the hatch. Used as a preventative when hens are laying, because it will prevent this deadly organism from developing in the egg. If a hen is used for hatching give her Pratt's White Diarrhoea Remedy in the drinking water so there will be no chance of infection from droppings. This is preventive treatment.

Price 25c and 50c, postpaid.



## Pratt's Roup Remedy



This wonderful remedy is used in every civilized country of the world. The reason is it cures. For fowls that sneeze, gasp and wheeze, also having a watery discharge from the nostrils and eyes. It prevents colds and is excellent for turkeys. Pratt's Roup Remedy will save your fowls and make them profitable.

Price (Postpaid) 25c and 50c. Tablets.

## Pratt's Healing Powder

A guaranteed antiseptic powder that forms a healthy dry coating over wounds and keeps out the cold. Just the thing for harness galls, sores, cuts and scratches. A valuable remedy for home use.

4 ounce sifting top enameled can (Postpaid) 30c.

## Pratt's Cow Remedy

Cow tonic, increases the milk supply and makes it rich in butter fat. Cow tonic enables the cow to turn more of the feed into milk and keep up the full flow for a much longer period. It is a positive remedy for scours.

Price: 2 lbs. 50c; 12 lb. pail \$2.00; 25 lb. pail, \$3.50. If wanted by mail add postage.

## Pratt's Poultry Disinfectant

This disinfectant is a real wonder worker in the poultry yard. A sure deodorizer, germicide and liquid lice killer. Best disinfectant on the market today.

Price: Quart, 50c; ½ gal. 90c; gal., \$1.50.

Liquids Can Not Be Sent by Parcel Post.





The Standard Inoculation

# FARMOGERM

High-Bred Nitrogen Gathering Bacteria.

**WHAT FARMOGERM IS:**

Farmogerm is a pure culture or growth of nitrogen-fixing bacteria that have been selected and bred up to transform large amounts of nitrogen from the air into soluble nitrates. These bacteria are grown in a jelly, or food, in which they remain active for long periods of time, and sent out in a bottle which admits the necessary supply of pure air, yet keeps out destructive contaminants. If alfalfa can be grown on hot, sandy land of South New Jersey, why can't you grow it?

**WHAT FARMOGERM WILL DO:**

Unless the soil is very acid or wet, Farmogerm will:—

1. Increase the yield and quality of legume crops, giving quicker growth and earlier maturity. 2. Increase the food value of legumes. 3. Make legumes grow in new localities where they cannot otherwise be grown successfully. 4. Supply nitrates to other crops growing with the inoculated legume crops. 5. Enrich the soil for future crops, thereby increasing the permanent value of the farm. Better crops—better soil—less fertilizer—less labor.

**Increased Crops** are a well established certainty in all instances where inoculations are used together with proper culture methods. Not only is the crop increased in weight, but in its richness. The United States Department of Agriculture Bulletin No 71, substantiates these statements, why not increase your farm yields without extra labor and at practically no extra cost?



**Fertilizer Values** of well-inoculated legumes have long been determined. It is shown in Bulletin No. 71, issued by the United States Department of Agriculture, that tests covering a large part of the country prove that legumes will deposit 1,000 lbs. of nitrates per acre. This means that your most expensive commercial fertilizer is absolutely unnecessary when you plant legumes, perfectly inoculated, sown and planted in properly prepared land.

**Peas, Beans, Sweet Peas.**

Yield earlier, longer and better when treated with Farmogerm. Farmogerm is endorsed by Farmers, Federal and State Agricultural Departments and private estates. It is delivered to you in bottles, ready for use. You can inoculate the seed for ten acres in ten minutes.

**Cost of Farmogerm.**

|                       |           |       |
|-----------------------|-----------|-------|
| Extra Farm Size.....  | 100 Acres | ..... |
| Farm Size .....       | 50 Acres  | ..... |
| Small Farm Size.....  | 5 Acres   | ..... |
| Trial Farm Size.....  | 1 Acre    | ..... |
| Garden Size .....     | 1/4 Acre  | ..... |
| Half Garden Size..... |           | ..... |

## ALLCROP FARMOGERM

FERTILIZING BACTERIA

All Crop Farmogerm will aid in increasing the yield of any crop, and enriching the soil. This is furnished in a dry powder form, and contains over 37 strains of Bacteria, and will inoculate any legume crops. ALLCROP FARMOGERM also contains bacteria which fix nitrogen in the soil independently, therefore it is **GOOD FOR ANY CROP.**

One Acre Size Can (Postpaid).....

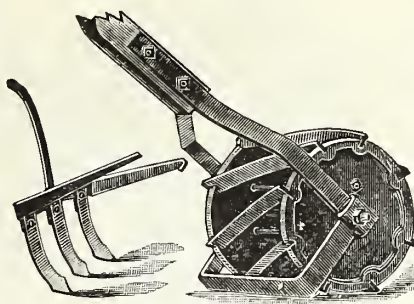
Five Acre Size Can (Postpaid).....

The addition of nitrogen to the soil by inoculation of legume seed, is estimated where the system has been practiced for years, to be 200 lbs. per acre. The estimate of the U. S. Department of Agriculture compiled from 16 states in the same treatment is 122 lbs. of nitrogen per acre, equivalent to fertilization with 800 to 1000 lbs. of Nitrate of Soda per acre.

ASK FOR OUR BRANDS  
**"PEERLESS" "PLACER" "QUARTZ"**  
 ON ALL FARM SEEDS  
 They Stand for THE BEST of their grades

FOR PRICES NOT QUOTED SEE RED INSERT—PAGE 96

## Barker Weeder and Mulcher.



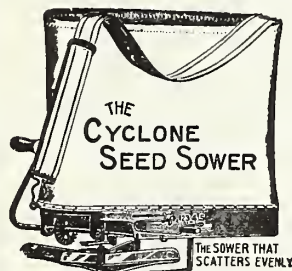
This is a practical as well as up-to-date, hand cultivator, doing better work than many others; it has small pointed shoes or hoes. The Barker is made on the principle of a lawn mower, the long revolving blades working up the surface of the ground thoroughly cutting the weeds and separating them from the soil, so that they are easily destroyed. More effective, as no weeds can be missed and a fine mulch is left over the surface of

the ground, which prevents the evaporation of the moisture. Each machine is fitted up with leaf guards and tooth attachments. The 1/2 cut is the standard size for onion sets and ordinary market garden crops. The 6-inch is for lettuce and crops that are planted in close rows.

No. 6 D. Complete with all attachments, 6 inch.....\$4.50

No. 8 1/2 D. Complete with all attachments, 8 1/2 inch.....5.00

## Cyclone Seeder, Corn and Potato Planters.

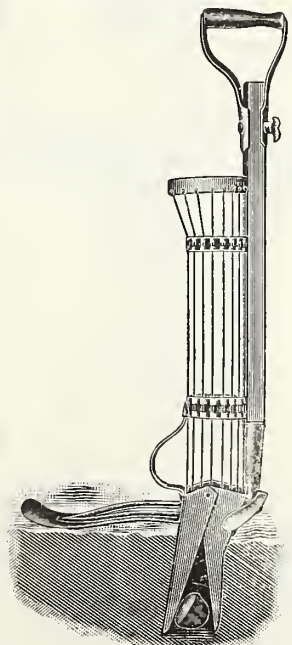


**CYCLONE SEEDER**—Fifty acres in a ten-hour day—seeded evenly, thoroughly and easily. That's what you can do with a Cyclone Seeder. Use it with any seeds that can be sown broadcast or with ground bone, ashes or fertilizers—a Cyclone will pay for itself in three hours' work. Because its absolutely even distribution will make three bushels do the work of four. Each, \$1.75; (Postpaid) .....\$1.90

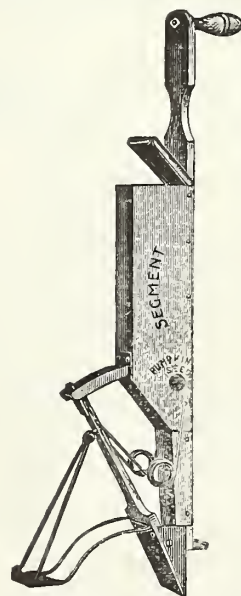
**POTATO PLANTER**—A light tubular planter. Its spring-closed jaws are especially designed to enter the soil easily, yet open wide enough to drop the largest seed. The dropping lever is adjustable for any depth of planting. The conveyor tube is galvanized iron. Price, \$1.75; (Postpaid) .....\$1.90

**ACME CORN PLANTER**—Works in any soil; has a flexible and adjustable iron drop, and does not wear the brush. It has an iron seed box and iron channel. It is well made, strong, durable, reliable and gives universal satisfaction. Each, \$1.50; (Postpaid) .....\$1.75

**SEGMENT CORN PLANTER**—(See illustration.) An all metal planter which is operated by a spring with the foot, strong, reliable tool. Each, \$2.00; (Postpaid).....\$2.25



Potato Planter.



Segment Corn Planter.



## INSECTICIDES, ETC.

**PARIS GREEN—(Old Style)**—Most effective Potato Bug killer known; sure death to all insects which eat foliage. Put up in sealed packages. Use 1 oz. to 3 gallons of water or 1 lb. to 50 for Potato bugs, or 1 oz. to 6 gallons of water, or 1 lb. to 100 for spraying trees. (Postpaid), ¼ lb. cans, 15c; ½ lb. cans, 30c; 1 lb. can, 50c. Write for prices in larger quantities.

**ARSENATE OF LEAD—(Paste)**—This is a stomach poison which is rapidly taking the place of Paris Green. Its great advantages are that it adheres well to the foliage and hence the spraying does not have to be repeated, as it does not readily wash off with the rain. (Postpaid), 1 lb. ....; 5 lbs. ....

**ARSENATE OF LEAD—(Dry Powdered)**—This material contains from 31 to 33 per cent arsenic—the killing agent. Being light and fluffy it stays in suspension and covers the foliage evenly. Its adhesiveness is unsurpassed. Growers appreciate its convenience, safety and economy.

**TUBER TONIC**—This material is a three-in-one spray for potatoes, designed to kill leaf-eating insects, prevent and eradicate blight and act as an indirect tonic to the plant. Tuber-Tonic will prove most economical to the farmer who has in the past sprayed with Bordeaux Mixture to which has been added either Arsenate of Lead or Paris Green. Growers will find Tuber-Tonic safe to use on the most delicate foliage. Fewer sprayings are necessary because of its great adhesiveness. Lb. glass jars. ....

## "BLACK LEAF 40"

Nicotine Sulphate—40% Nicotine

This is the insecticide that is so highly recommended by Experiment Stations. It destroys Aphis (plant lice), Thrips, Leaf-hoppers on all tree, bush and vine fruits, vegetables, field crops, flowers and shrubs; also Apple Red Bug, Pear Psylla and similar soft-bodied sucking insects—all without injury to foliage.

May be combined with other sprays. Highly concentrated. Soluble in water—easy to mix—does not clog nozzles.

You can not go wrong by ordering "Black Leaf 40" for sucking insects.

### PRICES:

1 oz.—\$0.25—makes 6 gallons spray  
 ½ lb.—0.75— " 40 to 120 gals. spray  
 2 lb.—2.50— " 160 to 500 " "  
 10 lb.—10.75— " 800 to 2500 " "



**SHEEP AND CATTLEMEN—NOTICE**—Write us for special pamphlet on Black Leaf 40. Helpful suggestions for curing Scabies, Killing Lice and Sheep Ticks.

**NICOTICIDE**—This is undoubtedly the best destroyer of Green Aphis, Red Spider, Mealy Bug or any insect that is destructive to plant life. Can be used as a fumigator or as a spray. Put up in liquid form. Full directions are given with each can. 1 oz. Bottles, 35c; ¼ Pt., 70c; ½ Pt., \$1.25; Pt., \$2.50; Qt., \$4.50; ½ Gallon, \$8.25; Gallon, .....\$15.00

**LAMP AND FUMIGATOR** for using Nicoticide in fumigating, complete (Postpaid) .....65c

**"NICO-FUME" LIQUID**—A highly refined solution of "free" nicotine guaranteed to contain 40 per cent of nicotine. For Spraying: Against Green Aphis, Thrips, etc., one to two teaspoonsfuls of "Nico-Fume" Liquid to each gallon of water is usually found very effective. For Fumigating: One ounce (two tablespoonsfuls) of "Nico-Fume" Liquid to each 4,000 cubic feet of space furnishes a strong fumigation. 1 lb. Can, \$1.50; 4 lb. Can, \$5.50; 10 lb. Can, .....\$10.50

**TALBOT'S ANT EXTERMINATOR**—A vegetable-mineral compound, coming in contact with the ant's body forming a chemical combination, destroys the respiratory cells. Suffocation and death results. Read instructions on can, and also observe the following: Do not use this powder on wet ground. To kill ants in hill, place powder in circle about 8 inches away from hole. Never put powder in the hole. Use sufficient powder that ant cannot get to hole without coming in contact with powder. Renew powder every two or three days, if necessary, until all ants are dead. Non-poisonous. Note: Keep powder dry and use in dry places for best results. (Postpaid), ¼ lb. Perforated Can, 30c; ½ lb. Perforated Can, .....55c



**TREE TANGLEFOOT**—The best remedy against Caterpillars and all tree crawling insects. Will remain sticky for three months. (Postpaid) 1 lb., 45c; 3 lbs. ....\$1.15

**SLUG SHOT—(Hammonds)**—An old reliable remedy for destroying Potato Bugs, Cabbage and Canker Worms, etc. Put up in powder form with full directions. (Postpaid), 1 lb. perforated can, 25c; 5 lb. pkg. ....75c

**HAMMOND'S WEED KILLER**—The method of killing weeds thoroughly by application of this liquid has become general. It is a great labor-saver. It is to be used only on paths, drives, gutters and places where no growth is wanted. Best time to apply is after rain, while the ground is moist, and will absorb the liquid to the roots of grass and weeds. One gallon will make 20 gallons of treating liquid, sufficient to cover 100 square yards of surface. Price, 1 quart. ....60c

**GRAPE DUST—(Hammonds)**—For use on Vegetables, Roses and Grapes. On Lettuce and Cauliflower in the forcing house, against mildew of the grape, onion, inert rust mite on the orange. Rust or mildew on parsley, muskmelons or other plants. "Grape Dust" is a practical and usually effectual remedy. It has been used 25 years. 5 lb. pkg. (postpaid), 85c.

**HAMMOND'S SWORD FOOD**—A top-dressing prepared especially to feed the grasses and insure a thick and matted growth of roots, resulting in a compact and velvety turf. Contains in soluble form all the organic requisites for the healthy and luxuriant growth of all varieties of grasses. 5 lb. pkg. 55c; (postpaid) .....80c

**CHLOROLEUM**—For destroying Chicken Lice, Bed Bugs, Ants and other insects. To destroy Ants use one quart Chloroleum to 30 parts water and pour in their nest after sundown. Per Quart can, with directions. ....75c

**LIME SULPHUR SOLUTION**—An Insecticide recommended for the eradication of scale. Spray early in spring before the foliage opens. 1 Qt. can, 30c; ½ Gal., 50c; 1 Gal. ....75c



### CARCO—VEGETABLE SPRAY—

A wonderfully effective spray for destroying grubs, maggots and worms which infect TURNIPS, RADISHES, BEETS, CAULIFLOWERS, CABBAGE, ONIONS, etc., and highly recommended for use in combating CROWN BORERS in strawberries. The root maggot, as

well as the strawberry crown borer, is hatched from an egg deposited on the plants by the maggot fly. This fly dislikes the odor of the spray, and will not deposit the eggs where the odor is present. Half pint, 20c; Pint, 30c; Quart, 50c; Half Gallon, 90c; Gallon .....\$1.75

**TOBACCO DUST**—For dusting plants affected with Aphis; also used on squash, vines and melons; and now largely used for fumigating. (Postpaid), 1 lb., 20c; 5 lbs. ....75c

**FISH OIL SOAP**—For Aphis and all insects which suck. This soap dissolved 3 oz. in 1 gallon of warm water is very effective. (Postpaid), ½ lb., 20c; 1 lb. ....30c

**EVERGREEN FERTILIZER—(Johnson's)**—Is especially prepared for growing Flowers, Ferns, Palms, Grass, etc. It is a highly concentrated mixture, contains all the elements necessary to plant and grass growth compounded in proper proportions to get best results. ½ Lb. can, 25c; (Postpaid) .....35c

**BOWKER'S PLANT FOOD**—The original odorless house plant food manufactured in the U. S. Packages contain sufficient plant food for 30 plants for three months. Four oz. package, 20c; (Postpaid) .....30c

FOR PRICES NOT QUOTED SEE RED INSERT—PAGE 96

LIQUIDS CAN NOT BE SENT BY PARCEL POST



## SHEARS

- GRASS SHEARS**—(Superior)—A good article at a low price, per pair (Postpaid) .....45c
- GRASS SHEARS**—(Hartford)—Tool steel, the best that money can buy; per pair (Postpaid) .....90c
- GRASS HOOKS**—Little Giant, new style, 12-inch blade .....75c
- HEDGE SHEARS**—(English)—Long handle, 8 in. blade, per pair, \$1.75 9 in. blade, per pair (Postpaid) .....\$3.75
- Useful for trimming shrubs, small bushes and trees; also preferred by many for edging lawns and beds.
- LOPPING SHEARS**—(Postpaid), per pair .....\$1.25
- Long handles, used for cutting back small trees, shrubs or bushes.
- No. 2 PRUNING SHEARS**—Or Sheep Toe Clippers, 8½ in. ....\$1.25
- 7438 CULLING SHEARS**—6½ in. ....75c

## HOSE

This season sees what to many will appear an innovation in the size of hose for ordinary garden use. Exhaustive tests have proven that ¾ inch hose is more practical than ½ inch hose for ordinary standard conditions. The fact that the ordinary standard service pipes are but ½ inch, and that the ordinary bibb or faucet to which the hose is attached, has but an ½ inch outlet or valve opening should convince anyone that it is good policy to use a ¾ inch hose. Also, ¾ inch hose is lighter, and consequently suffers less from abrasive wear in use on concrete and gravel walks than the heavier ½ inch hose, and while costing less, will last longer and deliver, under ordinary conditions, as much water. Another point in its favor is the fact that ¾ inch hose of the same quality will withstand a greater pressure than ½ inch, and can not kink as readily.

## ELECTRIC HOSE

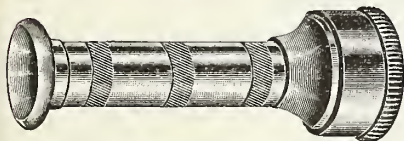


Electric Hose is acknowledged today to be the best Hose that can be procured at any price. It is made from the highest grade materials obtainable, is practically un-kinkable, and will give longer life and better satisfaction with proper care than any other make. Look for the sharp corrugations, the foot measurements in numerals at every foot length, and the brand shown in the above cut.

All Electric Hose Double Fabric—Corrugated. "Electric" Hose Wears Like a Pig's Nose.

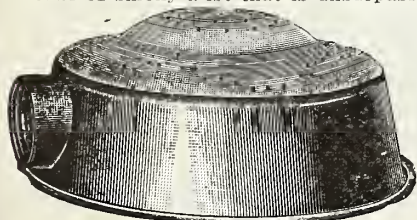
- ELECTRIC HOSE**—½ inch—25 ft. lengths .....\$5.00
- ELECTRIC HOSE**—½ inch—50 ft. lengths .....\$9.50
- ELECTRIC HOSE**—½ inch—in any special length desired—by the foot .....18c
- COUPLINGS**—Per set .....25c
- ELECTRIC HOSE**—¾ inch—25 ft. lengths .....\$5.25
- ELECTRIC HOSE**—¾ inch—50 ft. lengths .....\$10.00
- ELECTRIC HOSE**—¾ inch—in any special length desired—by the foot .....19c
- COUPLINGS**—Per set—For special lengths .....25c
- MARVELLO HOSE**—Second only to "Electric." All Marvello Hose double fabric corrugated.
- MARVELLO HOSE**—¾ inch—25 ft. lengths .....\$5.00
- MARVELLO HOSE**—¾ inch—50 ft. lengths .....\$9.75
- COUPLINGS**—Per set—For special lengths .....25c
- NIAGARA RED RUBBER HOSE**—¾ inch—in any special lengths desired; per foot .....20c
- QUINTUPLE**—5-PLY RUBBER HOSE—A good all round serviceable hose, hand made in 50 foot lengths.
- ½ inch 50-foot lengths .....\$5.00
- ¾ inch 50-foot lengths .....\$6.00
- COTTON HOSE WITH RUBBER TUBE**—A well constructed, very light to handle hose, guaranteed to be of first-class materials.
- ½ inch per 25-foot length, \$3.00; per 50-foot length .....\$5.50
- ¾ inch per 50-foot length .....\$6.00
- SENATE COTTON HOSE**—¾ inch 50-ft. lengths .....\$7.50
- The Highest Grade Cotton Hose on the market.

## LAWN SPRINKLERS



by attaching it to any interior faucet. Price (Postpaid) .....50c

**THE SQUARE FOUNTAIN SPRINKLER**—The lower holes throw a wide spreading square. From the crown is emitted a volcano of smoky mist that is unsurpassed for beauty. It gives an even distribution seldom equaled. It will sprinkle the side of your house, along a walk and reach the edges without throwing water over the passerby. It is not necessary to sprinkle half the grass twice to get over it, thus covering the ground with the least water. Price (Postpaid) 75c



Square Fountain.

**"TWIN" SPRINKLER**—See cut. Made of zinc metal and can not rust. Will cover the lawn evenly for 16 feet radius. Very popular. (Postpaid), each .....30c

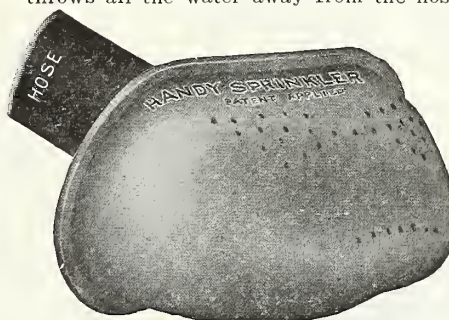


**THE MEG**—The best brass nozzle for hand use; will throw a straight stream or spray. (Postpaid), each .....40c

**"FAN SPRINKLER"**—Made of zinc metal and shaped so that it will water a bed on one side only; very convenient to use from a cement walk. (Postpaid), each .....25c

**"CENTRAL NOZZLE"**—A marvel in simplicity, efficiency and low cost. To hold in the hand or stick in the ground. A nozzle that throws all kinds of streams and sprays and will stay where it is placed. Each (Postpaid) .....35c

**"HANDY" FOUNTAIN SPRINKLER**—Not very big; costs very little; but it sprinkles as much ground as the big ones. It throws all the water away from the hose end, giving a beautiful fountain spray. No tipping over, just walk up to it and adjust it after the water is turned on. When held in the hand is splendid for sprinkling flowers. The weight of the metal and shape make it proof against hard knocks. Made of heavy No. 22 gauge brass, 4½ inches long by 2¼ inches high. (Postpaid), each .....35c



**"ROSE" SPRINKLER**—A good serviceable, low priced sprinkler, throwing the well known rose spray. Works well on either high or low pressure. (Postpaid) .....25c



Wilgus No. 1.

**"DUO" NOZZLE SPRINKLER**—A strong nozzle sprinkler, with the ability of throwing spray from two nozzles. (Postpaid) each .....25c

**"WILGUS" NO. 1**—The original Wilgus sprinkler, one of the leaders of the type, and one of the best. Works well on all pressures. (Postpaid), each 40c.

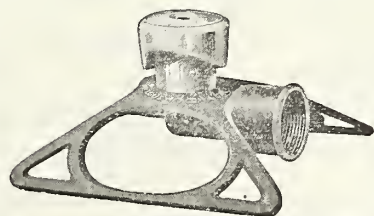


Wilgus No. 2.

**"WILGUS" NO. 2**—The improved Wilgus, with two openings to the water chamber, and throwing a center stream, giving fountain effect at same time as spray. (Postpaid), each .....50c

**"EVANSTON" SPRINKLER**—This is another stand sprinkler. Will not turn over under pressure. A splendid lawn type. (Postpaid), each .....50c

**"BUSY" SPRINKLER**—One of the whirling type, with three arms, throwing a well and evenly distributed spray. Mounted on low stand. (Postpaid), each .....75c



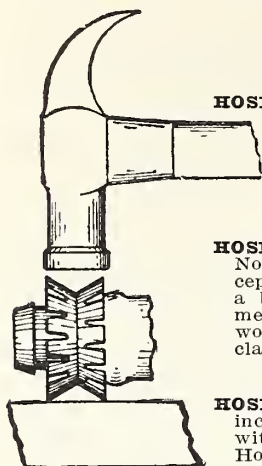
Wilgus No. 21.

**"WILGUS" NO. 21**—This sprinkler is designed for those who desire a fine rain-like spray, and is one that will not turn over when under pressure. (Postpaid), each .....80c

All Lawn Sprinklers and Hose Nozzles are Standardized, and fit, no matter what size the hose is.



## HOSE MENDERS



**HOSE MENDERS—(Brass)**—For joining a broken hose cut through, insert the mender and wire on both ends. For either  $\frac{1}{2}$  inch or  $\frac{3}{4}$  inch hose. Each.....10c

**HOSE MENDER—(Galvanized Iron)** Used same way as above;  $\frac{3}{4}$  inch. Each.....10c

**HOSE MENDER PERFECT CLINCHER**—No wiring, no screws, no tools needed except a hammer; no obstruction in the hose; a boy can use them and make a perfect mend; a one-piece article which does the work of the mender and tube and two clamps ordinarily used. Price,  $\frac{1}{2}$  inch.....10c  
Price,  $\frac{3}{4}$  inch.....10c

**HOSE BANDS—(Brass)** In  $\frac{1}{2}$  inch or  $\frac{3}{4}$  inch, for fastening the hose to a coupling with nut and screw, each.....5c  
Hose Washers, Per doz.....10c

## HOSE COUPLINGS

**HOSE COUPLINGS—(Brass)** In  $\frac{1}{2}$  inch or  $\frac{3}{4}$  inch sizes. Per Pair.....30c

**THE ORIGINAL "PERFECT CLINCHING" HOSE COUPLING**—All brass—self-fastening. Slip it in the hose and hammer down—that's all. A self-fastening coupling that does not require



extra bands, bolts, or wires. It adjusts itself to any thickness of hose. A fixed hold—it will not pull off. It cannot turn within the hose, a great gain over other couplings. A smooth joint with no projecting parts. A perfect joint that cannot leak. Requires one tool—a hammer. The finger ends come down directly behind the head, bucking the hose over the head and clamping it tight pressure tends to set the head more solidly into the rubber—the harder the pressure the tighter it gets. It makes the same joint with the hose as the Perfect Clinching Mender. The tough brass in the clamping fingers permits taking off and using again. Made of heavy wrought brass in  $\frac{3}{4}$ ,  $\frac{1}{2}$  and  $\frac{1}{4}$  inch sizes. Strong and durable at every point. Price, each.....25c

## GARDEN REELS

**GARDEN REELS**—For using with a garden line; very handy tool. Each.....75c

## GARDEN LINE

**GARDEN LINE**—Strong, braided jute line, 100 ft. lengths, 80c

## GRAFTING WAX

**GRAFTING WAX**—Prepared wax for grafting,  $\frac{1}{4}$  lb., 10c;  $\frac{1}{2}$  lb.,.....20c

## GLAZING POINTS

**GLAZING POINTS**—Van Reyper's; the new point for glazing sash, etc. Per 1,000.....75c

## PRUNING PAINT

**PRUNING PAINT**—You will find paint much more effective in stopping "bleeding" of the sap after pruning trees, shrubbery, etc., than tar and other mixtures sometimes used. It is also more convenient to use and more satisfactory in every respect. It effectually seals the surface and will not wash off with the weather. Pruning Paint is also an excellent preventive of worm boring. It is prepared ready for the brush. 1 Pint Can, 30c; 1 Quart Can.....60c

## RAFFIA

**RAFFIA**—Useful material for tying plants; also used for basket making. Per lb.,.....40c

See Index— for complete list of contents of this catalog.

## TROWELS



211.

211. Forged Steel Garden Trowel, blade and shank are made of one piece of steel, being forged out in the same way as masons' brick trowels. A stout, strong, trowel, suitable for the hardest work.

Price, 6-inch blade, each.....50c



212.

212. Solid Steel, Garden Trowel, made of one piece heavy sheet steel, the shank and blade being one piece; a good strong trowel for family use; finely polished.

Price, 6-inch blade, each.....30c



213.

213. Made of cold rolled steel, bright blades, malleable iron shanks firmly riveted. The blades will not pull off the shanks. Price, 5-inch blades, each, 15c; 6-inch blades.....20c



214.

214. English pattern, extra heavy Garden Trowels; shanks riveted on blade with extra strong rivets; blades finely polished; a very fine article.

Price, 6-inch blades, each.....20c



215.

215. English pattern, extra heavy, riveted by the new method. Price, 6-inch blades, each.....20c



216.

216. Ladies' Flower Trowels. Riveted by new method. Price, 6-inch blade.....15c



217.

217. Transplanting Trowel—the blade and shank of this trowel are made of one piece of heavy sheet steel. Excellent for lifting and setting out plants and seedlings.

Price, 5-inch blade.....15c

13671—Broad Bladed Bulb Trowel. Each.....\$1.00

13415—Long Handled Trowel. Each.....60c

## WEEDERS



**GARDEN WEEDER WITH RAKE**—A short-handled tool, very handy for flower garden.

Each.....25c

**LANG'S  
HAND  
WEEDER**

**HANDIEST  
TOOL  
ON EARTH.**



**LANG WEEDER**—One of the handiest tools yet devised for weeding and thinning out. Each.....25c

**DIBBLES**—Bent wood handle with iron point; usual size, handiest tool ever made for transplanting cabbages, etc. Each, 30c

**DIBBLES**—"D" handle straight iron Dibble. Price, each.....40c



## GILSON WEEDER



Cuts both ways under the soil surface, destroys weeds, loosens and levels soil, forms a perfect mulch. The gardener works away from the cultivated soil instead of tramping it down, as when working with a hoe, and he does four times the work with half the effort.

The double-edged cutting blade of the Gilson Weeder is of tough, tempered steel; comes in four widths for wide or narrow rows or for light or heavy soil; rake tines 3 inches long; with handle socket, fastened by lock nut; 6-foot hardwood handle, smooth finish. (Pat. Jan. 11, 1916.)

|                          |     |
|--------------------------|-----|
| 3½ inch blade, each..... | 75c |
| 5 inch blade, each.....  | 85c |
| 6 inch blade, each.....  | 90c |

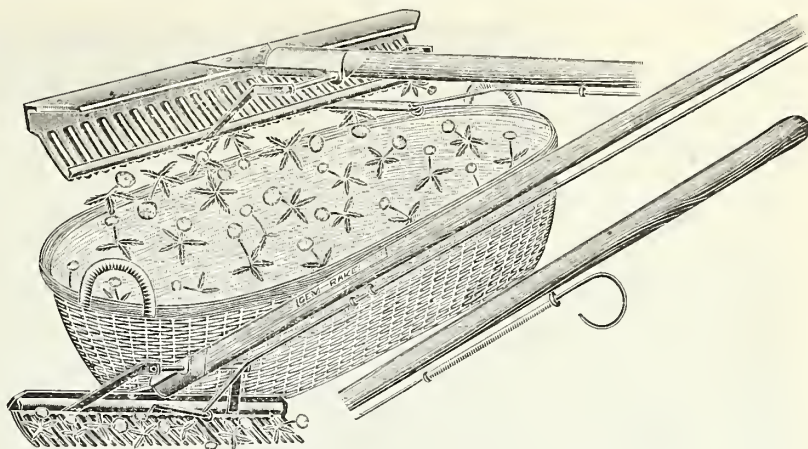
### Gilson Scratch Weeders (Patent Applied for.)



The pointed tines of the Gilson Scratch Weeder are self-cleaning, and do not clog in moist earth; a thoroughly practical and strongly-built little tool for close work.

**FIVE-POINT SELF-CLEANING SCRATCH WEEDER**, size 2¾ inches, with 6-inch black enameled wood handle and ferrule; made of semi-steel, galvanized to prevent rust. Price, each.....15c

**SEVEN-POINT SELF-CLEANING WEEDER**, size 3¾ inches, with 16-inch smooth oak handle and ferrule; made of semi-steel galvanized to prevent rust. Price, each.....30c



## GEM DANDELION RAKE

### Self-Cleaning.

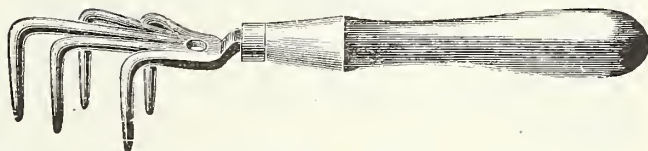
Will keep the dandelions off your lawn. Fine blade-like steel teeth. Easy working self-cleaning stripper greatly improves the appearance of lawn and helps the grass, positively cannot tear or injure the sod. Price:

|                                         |        |
|-----------------------------------------|--------|
| 16-inch medium size.....                | \$1.75 |
| 24-inch large size, with leaf back..... | \$2.25 |



### Steel Weeder.

**STEEL WEEDER**—Special Steel blade; 3-inch wide with plain ferrule, short handle. Each.....40c



### Excelsior Weeder.

Very popular tool in the flower garden. Each.....15c

## Ask for Our Brands

*They stand for  
highest development  
to be obtained  
in purity, Vitality,  
Hardness and  
Germination.*

**"PEERLESS"**—The highest grade obtainable.

**"PLACER"**—Second only to our Peerless.

**"QUARTZ"**—An excellent grade, but containing discolored seeds which do not measure up to the high standard we require for "Peerless" and "Placer" yet of high Vitality, Purity and Germination.

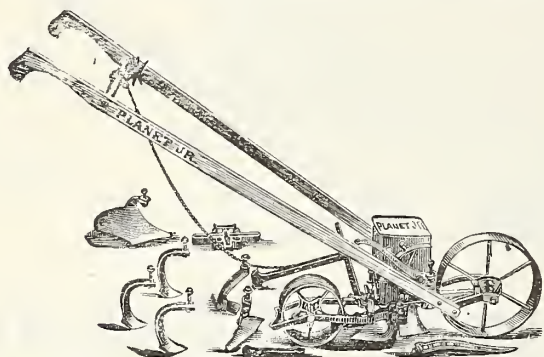




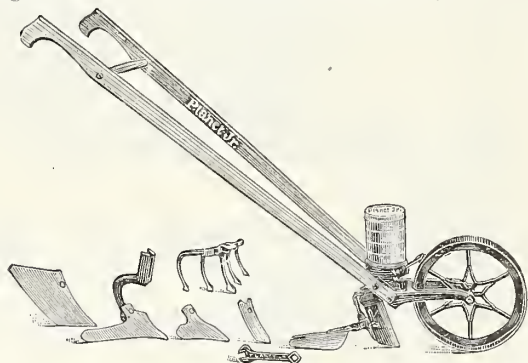
# Planet Jr. Garden Tools



The new "PLANET JR." Catalog is the handsomest, best, and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.



**No. 4—Planet Jr., Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow**—Price complete (weight 50 lbs.).....\$17.00  
**No. 4 D—As a Seeder only (Holds 2½ Quarts of Seed)**.....\$13.50  
 This accurate, durable and easy-running tool sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth; rolling down and marking out the next row all at one passage. No time is lost. No seed is wasted.

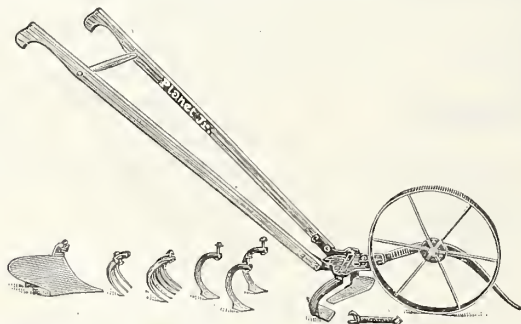


**No. 31—Planet Jr., Combined Drill Seeder and Single Wheel Hoe**  
 Price complete (Packed weight, 32 lbs.).....\$11.50  
**No. 31 D—As a Drill Seeder only (Packed Weight, 26 lbs.)**.....\$9.25  
 This new combined tool is of great value to thousands of gardeners who have never felt able to own, either a seed drill or a wheel hoe. It will sow even a small packet of garden seed with great precision in a narrow row from ¼ to 2 inches deep. Quickly changed to a splendid wheel hoe. A special machine for the small gardener at a price he can afford to pay.

**No. 1—Planet Jr., Combined Drill, Seeder, Wheel Hoe, Cultivator and Plow**—Price.....\$13.50  
 Equipment: One pair 6-inch Hoes, 3 Cultivator Teeth, one large Garden Plow and one Marker. This is the old Reliable Planet Jr., No. 1. Many of these tools have been in constant use for over thirty years, and are still giving good satisfaction. Holds 3 pts., weight (packed), 47 lbs.

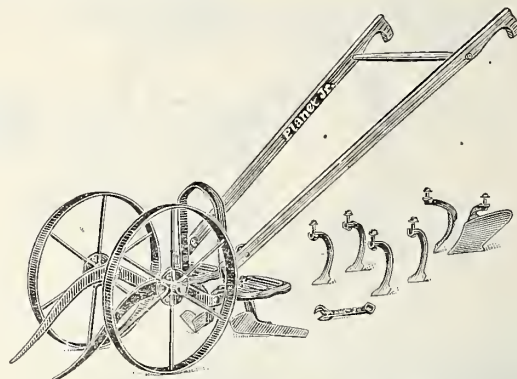
**Planet Jr., No. 2—Same as No. 1, as a seeder only.** Price, \$11.00

**Planet Jr., No. 25—Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow**—Holds 6½ quarts, weight, complete, 61 lbs. Price.....\$20.00  
 Equipment, one pair 6-inch Hoes, 4 Cultivator Teeth, one pair Plows, two Leaf Guards, one Marker. This is a tool for Market Gardeners or large family gardens, where both single and double wheel hoes can be used to advantage. The hopper will hold four pounds of Onion seed.



**No. 16—Planet Jr., Single Wheel Hoe**—Weight, 26 lbs. Price \$9.50

These Single Wheel Hoes are the highest type of their class. They have a great variety of attachments which adapt them to a large variety of work, and there is scarcely any garden cultivation they will not do.

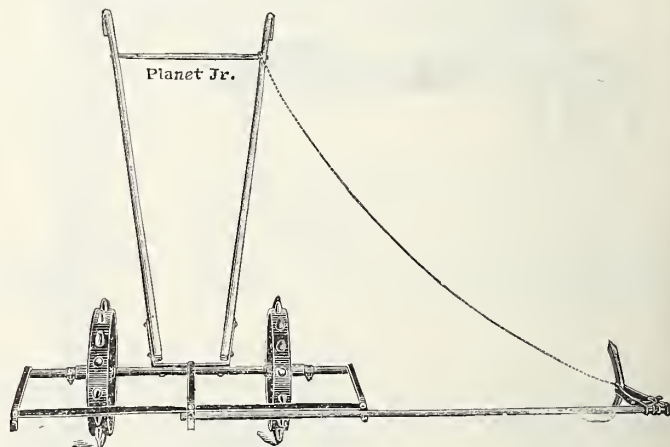


**No. 12—Combined Double and Single Wheel Hoe, Cultivator and Plow**—Weight, 33 lbs. Price.....\$11.00  
 This tool has one pair plows, one pair hoes, four cultivator teeth and a pair of leaf lifters. The attachments sold with No. 12 are what gardeners use most, and others can be added as wanted.

**No. 13—Planet Jr., Double Wheel Hoe—Steel Frame**—Price, \$7.75  
 The greatest hand cultivating tool in the world for the onion and small sugar beet grower, and also for every grower of garden and market garden crops from drilled seed. They do more and do it better and easier than can possibly be done in any other way, where rows are too close for horse work.

**No. 18—Single Wheel Hoe**—Price \$5.50. This has one pair of 6-inch hoes only—the tools that are most useful throughout the season. Other attachments can be added as needed.

**No. 17—Planet Jr., Single Wheel Hoe**—Price, \$7.50. You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth; an outfit sufficient for most garden work.



**Two Row Marker.**

**PLANET JR. TWO ROW MARKER**—A most useful tool which accurately marks off two rows at a time. All parts adjustable to different width of row desired. Price, complete as illustrated, \$5.50; without extra marker, each.....\$4.50

**PLANET JR. GRASS EDGER**—This is an invaluable adjunct where there are walks bordered with grass, and for use in keeping the edge of the grass on the sides of borders and beds in perfect condition and alignment. Price, each.....\$7.00





A Field of Peas in Our Trial Grounds—Grown on Inoculated Ground. Note the Luxuriant Growth. A Most Convincing Argument for Inoculation. USE FARMOGERM—See Page 125.

## SPRAYERS

**THE "PERFECTION" SPRAYER**—The strongest and most powerful Sprayer made. Perfectly simple; simply perfect. This Sprayer is considered one of the strongest and most powerful of the high pressure class. The barrel is 7½ inches in diameter and 20 inches in height. The hose is 5-ply cloth inserted. Nozzle is of the Automatic type. Capacity of tank four gallons. Weights 9½ lbs. This Sprayer will handle Whitewash, Water, Paints, Bordeaux Mixture with equal facility. For heavy liquids use the extra nozzle cap which is furnished with the sprayer. May be used with extensions—which come in two 18-inch pieces. One or both may be used. Furnished in Galvanized steel. Price, each (Postpaid).....\$7.50

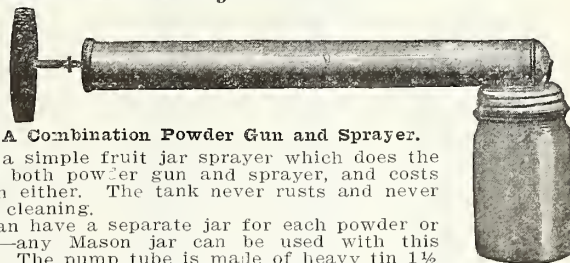
**THE "BRANDT DAISY"** is a labor saver. It works both ways sprays the same on the return stroke as on forward stroke, thus doing twice the work. Sprays straight up as well as down, a valuable feature in spraying poultry houses, etc. It speaks for itself, and needs no further description; is made with galvanized tank and holds 1 quart. Price, each (Postpaid).....\$1.15

**THE "MISTY" SPRAYER** is used to apply all kinds of insecticides on plants, etc. Unsurpassed for applying all kinds of stock dips and fly killer on cattle and horses, also for disinfecting poultry houses, barns, etc. Made of good tin and holds 1 quart. Price, each (Postpaid).....\$0c

**THE "BRANDT" EASY**—The only one of its kind on the market. Strong, durable and attractive. Has a large and strong pump, automatic shut off nozzle, legs under tank. Can be used for whitewashing, disinfecting and cleaning chicken houses, and is very desirable for large gardens, etc. It is built of galvanized steel. Holds one gallon. Galvanized steel tank. (Postpaid).....\$3.25

**THE "SUCCESS" SPRAY PUMP**—This pump has brass air chamber in the stock and is furnished with Bordeaux Nozzle which throws continuous stream, or fine or coarse spray. Price, as illustrated, with 3 ft. hose, \$5.75; (Postpaid).....\$6.00

**THE "PERFECT SUCCESS"**—The best Bucket pump ever manufactured. The special foot rest clamps bucket and pump solidly together and a sliding ring on the cylinder secures the bail so that the outfit may be carried in one hand. Four feet of hose and Bordeaux Nozzle is furnished. Price complete, with 4 ft. hose, \$6.25; (Postpaid), \$6.50; 7-foot extra section of hose for Success or Perfect Pumps with couplings and pole holder, \$1.75.



A Combination Powder Gun and Sprayer.

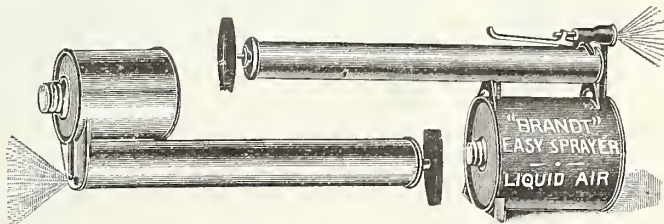
Being a simple fruit jar sprayer which does the work of both powder gun and sprayer, and costs less than either. The tank never rusts and never requires cleaning.

You can have a separate jar for each powder or solution—any Mason jar can be used with this sprayer. The pump tube is made of heavy tin 1½ inches in diameter and is 15 inches long. The pump leather is treated so that it always remains soft and pliable—is always ready for use. All sprayers are securely packed.

**You Can Blow**—Lice Powder, Insect Powder, Cabbage Worm Powder, Fly Powder, Hellebore, Healing Powder, Paris Green; in fact any powder that blows.

**You Can Spray**—Paris Green solution, Liquid Lice Killer, Disinfectant Bordeaux Mixture, Fly Knocker, Sheep Dip, or medicine of any kind into open wounds or sore. It blows and sprays in any position, up or down.

You don't know of a sprayer that has more genuine use than this. Once you try a SIMPLEX Glass Jar Spray you will never be without one. Price (Postpaid).....75c



Misty.

PRICES SUBJECT TO CHANGE



All Articles  
on this Page  
Forwarded  
at Purchaser's  
Expense.

## Hoes, Rakes, Spading Forks, Etc.

**GARDEN FORK**—3-tined short handle, very useful tool; strong. Each .....20c

**Cut No. 1—Ivanhoe Socket Hoe.** First quality regular steel, 7-inch blade; each.....80c

**Cut No. 2—Regular Field or Garden Hoe.** First quality steel, 6½ inches wide; each.....70c

**Cut No. 3—Beebe Cultivator Hoe.** Special steel, 6-inch blade, 4 1-3 foot handle; each.....80c

**Cut No. 4—Acme Special Steel Weeding Hoe.** 4 1-3 ft. handle; very useful, light tool; 4½ inch blade, each.....90c

**Cut No. 5—Three Prong Steel Weeding Hoe.** Regular sheet steel blades, iron shanks; 4 1-3 ft. handles; each.....65c

**Cut No. 6—Garden Rake.** Solid end bow, regular steel, fourteen curved teeth, 6-foot handle; each.....90c

**Garden Rake**—Malleable iron; equal to any malleable iron rake made, twelve curved teeth; single shank; each.....50c

**Gem Dandelion Rake**—16-inch.....\$1.75

**Gem Dandelion Rake**—24-inch.....\$2.25

**Cut No. 7—Wire Lawn Rake.** The best lawn rake known, has twenty-four wire teeth with a twenty-inch metal head; each.....90c

**Turf Edger**—Special steel socket, 4½ foot handle, polished steel blade; each.....75c

**Cut No. 9—Sod lifter,** an indispensable tool when moving sod; each.....90c

**Spade—D Handle**—Steel, best made, each.....\$1.85

**Hand Spading Fork**—A three-pronged, hand forged grip handle garden Spade, which is a very useful tool in flower garden; each.....45c

**Regular Four-Tined Spading Fork**—First quality, polished heavy angular tines, strap ferrules, D handles; each.....\$1.60

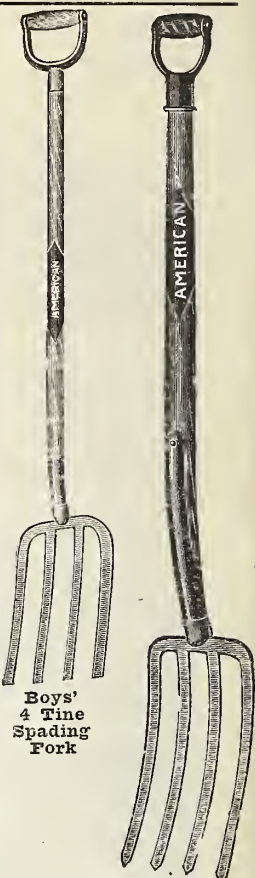
**Regular Four-Tined Spading Fork**—First quality, heavy flat tines, polished strap ferrules, D handles; each.....\$1.60

**Boys' Spading Fork**—Special steel, four light angular tines, plain ferrules, 3½ feet, D handles; each.....75c

**Cut No. 8—Warren Hoe**—7-inch blade, 4 1-3 ft. socket handle, good for cultivating or irrigating; each.....80c

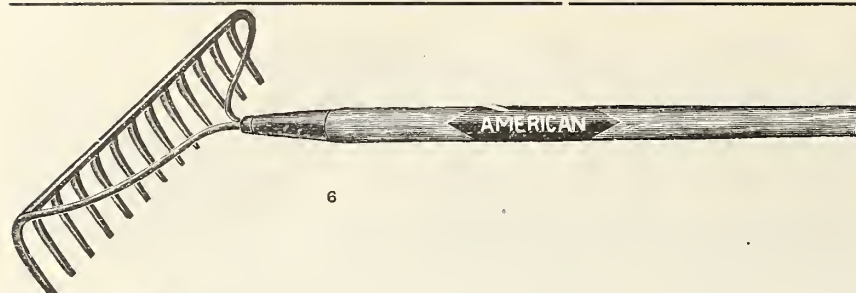
**Dandelion or Dock Cutter**—With malleable iron foot rests and 4½ ft. D handles; each.....75c

**Beet Scuffle Hoe**—With 6 ft. handle and 12x2½ in. cutting blade; each.....75c



Boys'  
4-Tine  
Spading  
Fork

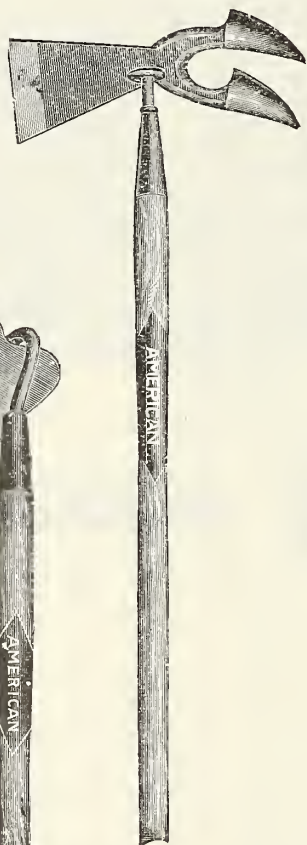
Regular 4-Tine  
Angular Spading  
Fork



6



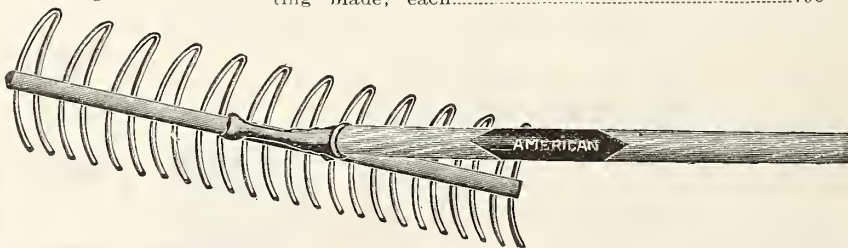
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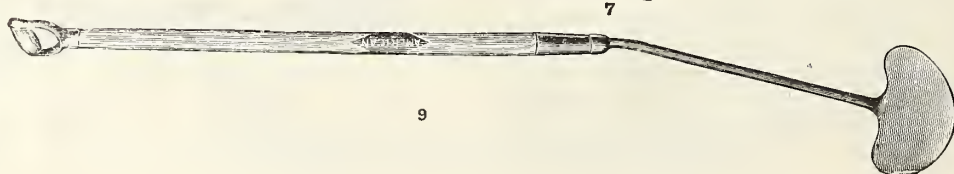
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The presence of a select library of standard agricultural books in the home of a farmer lends a certain air of distinction and refinement and at once stamps the owner as alert, progressive and abreast of the times.

We present herewith a partial list of the best books treating on every phase of agricultural and rural life. They have been prepared by the most eminent authorities on their respective specialties, and are thoroughly practical, while at the same time scientifically accurate. To the progressive farmer who desires to keep posted upon the latest investigations of his chosen business these books are invaluable, and there is no investment that will pay such big returns as a few books that will give you information you need just when you want it. The prices are exceptionally low, when you consider their high character and the excellent manner in which they are printed, bound and illustrated. Prices are all Postpaid.

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| Farmers' Manual of Law. H. E. Willis                                      | \$2.00 |
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| Farm Arithmetic. Burkett and Swartzel                                     | 1.00   |

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| American Apple Orchard. F. A. Waugh                                  | 1.00 |
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| Strawberry Culturist. Andrew S. Fuller                               | .25  |

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